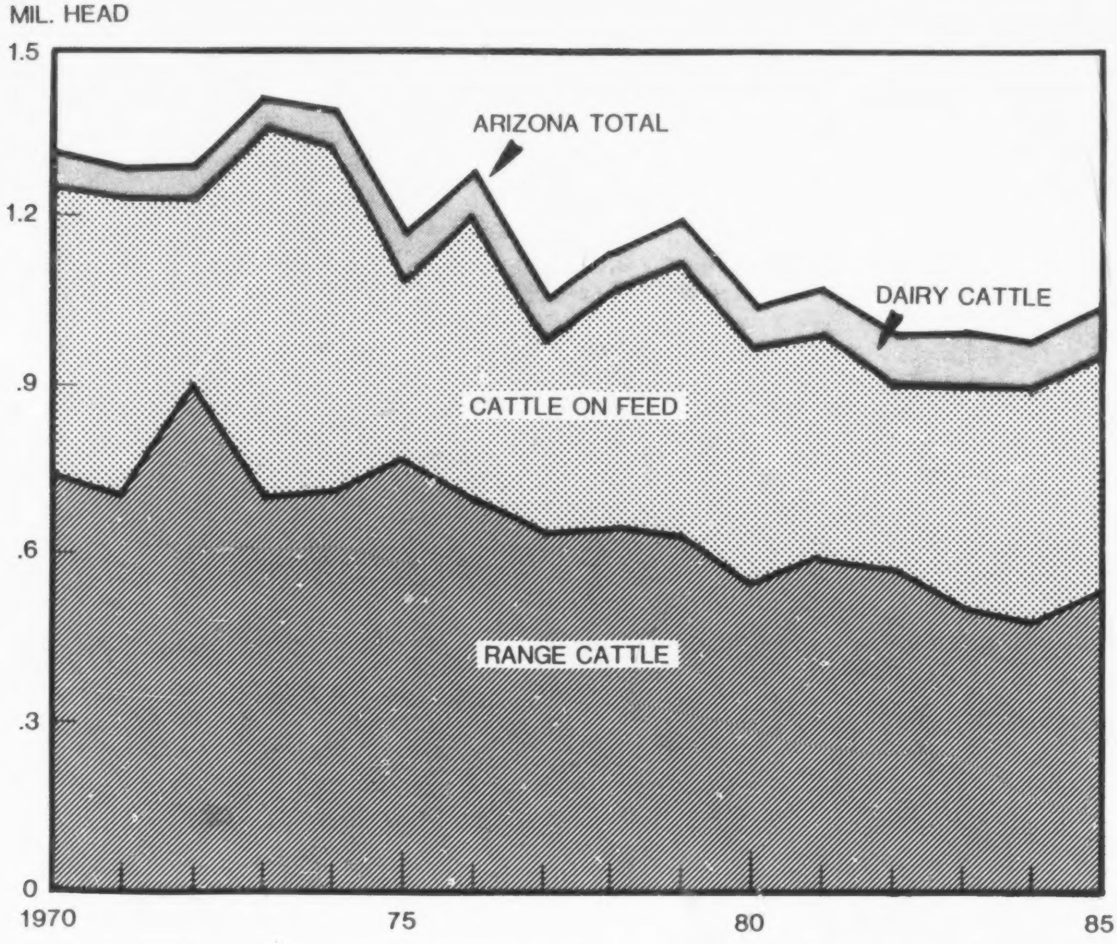
US838-1-U

# 1984
# ARIZONA
# AGRICULTURAL STATISTICS



*Arizona Crop and Livestock Reporting Service*

# ABOUT OUR COVER

Our cover graphically displays the inventories of the three distinct cattle industries in the state; rangeland cow-calf operations, beef finishing feedlots, and dairies. The three cattle related industries together produce over 40 percent of Arizona's total agricultural sales revenue, amounting to almost $700 million annually.

Range cattle numbers have steadily declined from a cyclic peak of 762,000 head in 1975 to 530,000 on January 1, 1985 following the U.S. trend which registered the lowest cattle numbers since 1968. Production of beef cattle, primarily feeder calves, utilizes over 60 million acres of the state's vast federal, state, Indian and private rangelands. Some calves are marketed at light weights for growing-on in Arizona and other states, while some yearling-weight animals are targeted for feedlots - mostly out-of-state.

Arizona's deserts provide a winter climate advantage for feedlot finishing of cattle. A good number of lightweight (250-350 pound) calves are fed, often up to nine months. These feedlot calves are sometimes sent back to pastures for temporary periods when grass is lush. Cross-bred calves are predominant since they can better withstand the summer heat. Most of the state's 22 major commercial feedlots do custom feeding of investor-owned cattle. Fed cattle numbers, which peaked during the winter of 1972-73, have followed the national trend downward to 419,000 head on January 1, 1985.

Milking herd numbers have increased 63 percent since 1970 while milk production in 1984 more than doubled the 1970 level (209%). This increase in production per cow underscores why Arizona ranks 4th nationally in this category. Arizona produces more than enough milk for in-state consumption. There are 8 plants producing dairy products.

Ron Brantner
Statistician in Charge

**ARIZONA CROP AND LIVESTOCK REPORTING SERVICE**
201 E. Indianola, Suite 250, Phoenix, Arizona 85012 (602) 241-2573
Statistical Reporting Service U.S. Department of Agriculture
University of Arizona, College of Agriculture

Ron Brantner, Statistician in Charge
Jack Rutz, Assistant Statistician in Charge
Steven Manheimer, Agricultural Statistician
Billy Reed, Agricultural Statistician
Pat Macaulay, Agricultural Statistician
Deborah Zimmerman, Agricultural Statistician
Linda Hoffman, Computer Programmer
Evelyn S. Dye, Bulletin Coordinator

A cooperative function of

THE UNIVERSITY OF ARIZONA
College of Agriculture
Department of Agricultural Economics

Henry Koffler, President
Bartley P. Cardon, Dean
College of Agriculture
Jimmye S. Hillman, Head
Department of Agricultural Economics

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

William E. Kibler, Administrator
Raymond R. Hancock, Deputy
Administrator and Chairperson
Crop Reporting Board
Charles E. Caudill, Director
State Statistical Offices

Bulletin S-20
July 1985
2.2 M

# CONTENTS

ARIZONA COUNTIES MAP . . . . . iv

INTRODUCTION . . . . . 1

## STATE SUMMARY

Number of Farms and Ranches and Land in Farms and Ranches . . . . . 2
Agricultural Gross Income and Production Expenses . . . . . 3
Cash Income, Government Payments . . . . . 4
Farm Balance Sheet, Debt . . . . . 5
Cash Receipts - Arizona . . . . . 6
Cash Receipts - Livestock and Crops by Counties . . . . . 6
Cash Receipts - Crops by Counties . . . . . 7
Cash Receipts - Livestock by Counties . . . . . 7
Crops Summary, Arizona and United States . . . . . 8
Livestock Summary - Arizona and United States . . . . . 9
Ranking of States Producing Major Arizona Commodities . . . . . 10

## FIELD CROPS

Summary . . . . . 11
Upland Cotton . . . . . 12-13
American Pima Cotton . . . . . 14-15
All Cotton . . . . . 16-17
Durum Wheat . . . . . 18-19
Other Wheat . . . . . 20-21
All Wheat . . . . . 22-23
Wheat Varieties . . . . . 23
Sorghum . . . . . 24-25
Barley . . . . . 26-27
Alfalfa . . . . . 28
Other Hay . . . . . 29
All Hay . . . . . 30-31
Corn . . . . . 32-33
Other Field Crops . . . . . 34
Grain and Hay Stocks . . . . . 35-37
Principal Crops, Acres Harvested 1983 . . . . . Inside Back Cover
Principal Crops, Acres Harvested 1984 . . . . . Back Cover

## VEGETABLES, MELONS, AND POTATOES

Summary . . . . . 38
Western Lettuce . . . . . 39
Other Lettuce . . . . . 40-41
Carrots . . . . . 42
Spring Onions . . . . . 43
Cauliflower . . . . . 44
Broccoli . . . . . 44
Honeydews . . . . . 45-46
Watermelons . . . . . 47
Cantaloups . . . . . 48-49
Potatoes . . . . . 50
Other Vegetables . . . . . 51-52

## FRUITS AND NUTS

Summary . . . . . 53
Citrus . . . . . 54-65
Grapes . . . . . 66
Other Fruits and Nuts . . . . . 67-68

## CONTENTS (CONTINUED)

CATTLE

Summary. . . . . 69
Cattle and Calves. . . . . 70-71
Cattle on Feed . . . . . 72-73
Cattle Shipments . . . . . 74
Cattle Prices. . . . . 75

DAIRY

Summary. . . . . 76
Manufactured Dairy Products. . . . . 76
Milk Cows. . . . . 77

SHEEP

Summary. . . . . 78
Sheep and Lambs. . . . . 79
Wool . . . . . 80
Sheep, Lambs, and Wool Prices. . . . . 80

HOGS

Summary. . . . . 81
Hogs and Pigs. . . . . 81-82

MEAT PRODUCTION

Livestock Slaughter. . . . . 83

POULTRY

Summary. . . . . 84
Chickens and Eggs. . . . . 84

WEATHER

Summary. . . . . 85
Temperatures . . . . . 86
Precipitation. . . . . 87
Freeze Dates . . . . . 88
Reservoir Storage. . . . . 89
Weather Map. . . . . 90

FARM LABOR

Number of Workers. . . . . 91
Wage Rates . . . . . 91

INTERNATIONAL TRADE

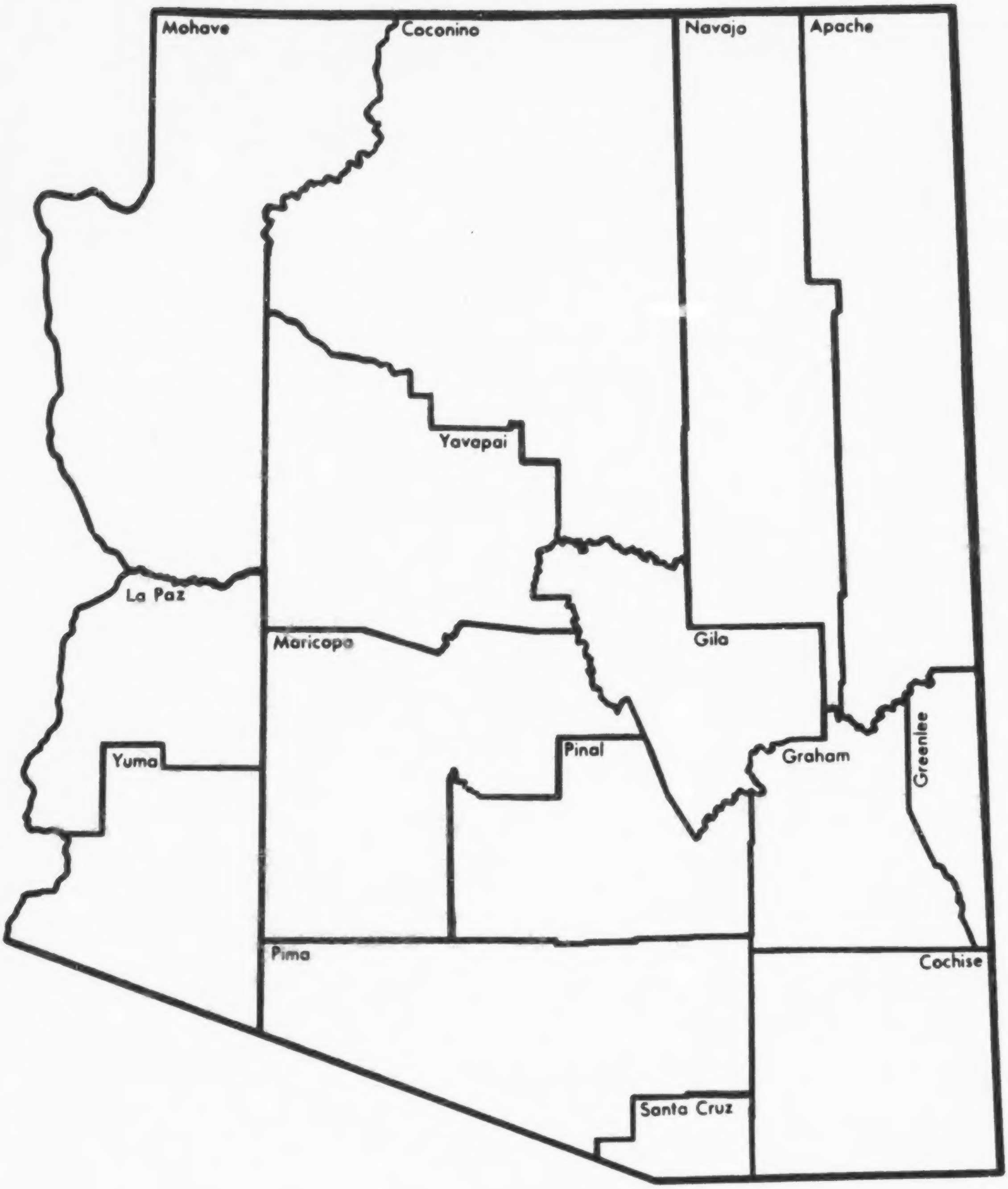
Summary. . . . . 92
Exports. . . . . 92-93

OTHER STATISTICS

Planting and Harvesting Dates. . . . . 94
Irrigation Energy. . . . . 95
Electricity and Telephone Usage and Charges. . . . . 95
Fuel Prices. . . . . 95
Cotton Ginning Charges . . . . . 96
Cotton Objective Yield . . . . . 97
Ferilizer Consumption. . . . . 98
Pesticide Sales. . . . . 99
Land Ownership . . . . . 100
Grazing Fees . . . . . 101

STATISTICAL OFFICES . . . . . 102

# ARIZONA COUNTIES


Mohave
Coconino
Navajo
Apache
Yavapai
La Paz
Maricopa
Gila
Yuma
Pinal
Graham
Greenlee
Pima
Cochise
Santa Cruz

**The University of Arizona**
Department of Agricultural Economics
Economics Building #23
Tucson, Arizona 85721
(602) 621-6241

One Hundred Years
1885
1985
A Proud Beginning

## INTRODUCTION

Our society is experiencing rapid advances in technology. "High-tech" has become a common expression in the country as well as in the city. The information explosion that continues to evolve from computer and satellite technology is, perhaps, affecting more people, in more ways, than any other advancement.

Our era has been proclaimed as the Information Age. Not only do we have more information, we can assimilate it, handle it, move it, and store it quicker, and in greater quantity than ever before.

A decision can be no better than the information upon which it is based. Inherently, good decisions come from more than just a large collection of data. The quality of information is equally, if not more important than quantity.

The twentieth edition of "Arizona Agricultural Statistics" represents a joint effort of the College of Agriculture and the Arizona Crop and Livestock Reporting Service to supply continuous, detailed, reliable information for all decision-makers involved with agriculture.

We gratefully acknowledge the assistance from farmers, ranchers, and agribusiness who voluntarily supply the basic information that makes this statistical service possible -- and reliable.

Your comments and suggestions about this publication, or how we may better serve you are always appreciated.

Jimmye Hillman

Jimmye S. Hillman
Head of Department
Department of Agricultural Economics
College of Agriculture
The University of Arizona

# STATE SUMMARY

The total number of farms and ranches in Arizona reached a high of 14,300 in the mid-thirties. The number then steadily declined to a low of 6,200 in 1971 and 1972. Farm and ranch numbers increased during the remaining period to 8,300 in 1984.

The statistical definition of a farm or ranch is "a place that sells or could sell $1,000 or more of agricultural products during a given year." This definition is intended to serve as the dividing line between agriculture and commerce.

Most of the year-to-year change in farm count is caused by farms of less than 10 acres which comprise 25-30 percent of the total farms and ranches in the State.

Land in farms and ranches has steadily declined since the late 1950's to 37,500,000 acres in 1984. This number, along with "average size" of farm can be misleading, especially in the western states, since it excludes all state and federal public grazing lands which are leased on a per-head basis rather than a per-acre basis. Conversely, Indian lands that cannot be accounted for in the usual individual operator manner are reported as one farm or ranch by a central tribe source. In Arizona, Indian lands contribute over 20 million acres to the State's land in farms. The Navajo nation, as one farm, accounts for almost half of the Indian land. Arizona irrigated farms which are larger than 100 acres average about 650 acres in size.

Over half of the State's farms account for less than one percent of the agricultural sales. About 25 percent of the farms contribute approximately 97 percent of the total sales. Less than 2,000 farms account for about 97 percent of the crops harvested. Of the farms and ranches with cattle, less than 20 percent are responsible for 99 percent of the total cattle sales revenue.

NUMBER OF FARMS AND RANCHES: Selected States, 1980-84 1/

| State | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| | | | Number | | |
| Arizona | 7,500 | 7,800 | 8,000 | 8,200 | 8,300 |
| California | 81,000 | 83,000 | 82,000 | 80,000 | 78,000 |
| Colorado | 26,500 | 27,000 | 27,500 | 27,000 | 27,000 |
| Idaho | 24,400 | 24,300 | 24,700 | 24,500 | 24,600 |
| Kansas | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Montana | 23,800 | 23,900 | 24,000 | 24,000 | 24,000 |
| Nevada | 2,900 | 3,100 | 2,900 | 2,700 | 2,700 |
| New Mexico | 13,500 | 14,000 | 14,000 | 14,000 | 14,000 |
| Oklahoma | 72,000 | 73,000 | 73,000 | 73,000 | 74,000 |
| Oregon | 35,000 | 36,500 | 37,000 | 37,500 | 37,000 |
| Texas | 189,000 | 189,000 | 188,000 | 187,000 | 187,000 |
| Utah | 13,500 | 13,800 | 14,000 | 14,000 | 14,000 |
| Washington | 38,000 | 39,500 | 39,000 | 38,000 | 38,000 |
| Wyoming | 9,100 | 9,300 | 9,100 | 9,200 | 9,100 |
| UNITED STATES | 2,432,510 | 2,433,920 | 2,400,550 | 2,370,200 | 2,332,600 |

1/ A farm is a place as of June 1 that sells or could sell $1,000 of agricultural products during the year.

LAND IN FARMS AND RANCHES: Selected States, 1980-84 1/

| State | 1980 | 1981 | 1982 | 1983 | 1984 | Average size of farms & ranches |
|---|---|---|---|---|---|---|
| | | | 1,000 acres | | | |
| Arizona | 38,100 | 37,800 | 37,500 | 37,500 | 37,500 | 4,518 |
| California | 33,800 | 33,600 | 33,400 | 33,200 | 33,000 | 423 |
| Colorado | 36,000 | 35,500 | 35,200 | 34,800 | 34,600 | 1,281 |
| Idaho | 15,200 | 15,000 | 14,900 | 14,900 | 14,700 | 598 |
| Kansas | 48,300 | 48,300 | 48,300 | 48,300 | 48,000 | 649 |
| Montana | 61,900 | 61,700 | 61,500 | 61,300 | 61,100 | 2,546 |
| Nevada | 8,990 | 8,900 | 8,900 | 8,900 | 8,900 | 3,296 |
| New Mexico | 46,800 | 46,800 | 46,000 | 46,000 | 45,800 | 3,271 |
| Oklahoma | 34,600 | 34,000 | 33,500 | 33,500 | 33,000 | 446 |
| Oregon | 18,100 | 18,100 | 18,000 | 18,000 | 18,000 | 446 |
| Texas | 138,200 | 137,600 | 137,200 | 137,000 | 136,800 | 732 |
| Utah | 12,400 | 12,200 | 12,100 | 12,000 | 11,800 | 843 |
| Washington | 16,300 | 16,400 | 16,400 | 16,300 | 16,100 | 424 |
| Wyoming | 35,000 | 35,000 | 35,000 | 35,000 | 34,800 | 3,824 |
| UNITED STATES | 1,038,885 | 1,034,190 | 1,027,795 | 1,024,195 | 1,019,503 | 437 |

1/ In Arizona, land in farms includes most Indian reservation land but excludes federal and state public grazing land leased on a per-head basis.

AGRICULTURAL GROSS INCOME, EXPENSES, AND NET INCOME: Arizona, 1979-83

| Year | Agricultural cash receipts 1/ | Government payments 2/ | Non-money income 3/ | Other farm income 4/ | Gross income 5/ | Production expenses 6/ | Net Income before inventory adjustment 7/ | Net inventory adjustment 8/ | Net Income after inventory adjustment 9/ |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Million dollars | | | | |
| 1979 | 1,735.7 | 9.1 | 89.3 | 20.9 | 1,854.9 | 1,465.8 | 389.2 | - 38.3 | 350.8 |
| 1980 | 1,713.7 | 5.1 | 79.6 | 20.9 | 1,819.3 | 1,606.7 | 212.6 | 123.8 | 336.4 |
| 1981 | 1,766.1 | 5.9 | 81.6 | 25.5 | 1,879.1 | 1,619.9 | 259.2 | 78.8 | 338.0 |
| 1982 | 1,678.8 | 59.4 | 87.4 | 26.5 | 1,852.1 | 1,604.2 | 247.9 | 138.6 | 109.2 |
| 1983 | 1,643.6 | 111.4 | 81.5 | 21.8 | 1,858.4 | 1,593.8 | 264.5 | -175.2 | 89.4 |

1/ Represents gross receipts from commercial market sales as well as loans (net of redemption) made or guaranteed by the Commodity Credit Corporation and other purchases under price support programs.

2/ Those payments made directly to farm producers in connection with farm programs.

3/ Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.

4/ Includes cash income from such sources as recreation, machine hire, and custom work.

5/ Sum of agricultural cash receipts, government payments, non-money income, and other farm income.

6/ Costs incurred in farm production as defined for the sector. Includes current farm operating expenses for such items as wages paid to hired farm workers (in cash and in kind), outlays for repairs of farm equipment and operation of the farm, as well as purchases of oil, feed, and livestock. Overhead-type costs include charges for depreciation and other capital consumption, taxes on farm property, and interest.

7/ Gross income minus production expenses.

8/ The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

9/ Net income before inventory change minus net inventory change.

FARM OPERATING EXPENSES: Arizona, 1979-83

| Year | Feed | Livestock | Seed 1/ | Fertilizer | Repairs & operation of capital items 2/ | Hired labor 3/ | Miscellaneous 4/ | Total current farm operating expenses |
|---|---|---|---|---|---|---|---|---|
| | | | | Million dollars | | | | |
| 1979 | 249.3 | 282.4 | 13.6 | 49.2 | 113.8 | 165.2 | 339.6 | 1,213.1 |
| 1980 | 287.0 | 235.7 | 15.4 | 73.4 | 140.2 | 179.7 | 380.1 | 1,311.6 |
| 1981 | 266.3 | 164.0 | 16.4 | 73.3 | 152.2 | 187.2 | 445.3 | 1,304.8 |
| 1982 | 229.6 | 160.1 | 16.6 | 65.5 | 146.1 | 222.2 | 446.7 | 1,286.8 |
| 1983 | 274.6 | 178.8 | 13.3 | 49.1 | 137.6 | 215.4 | 411.6 | 1,280.4 |

1/ Includes bulbs, plants, and trees.

2/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.

3/ Includes cash wages, perquisites, and Social Security taxes paid by employers.

4/ Includes binding, cotton ginning, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery products, grazing fees, harness and saddlery, net insurance premiums (fire, wind and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small handtools, short-term interest, telephones (business share),veterinary services and medicines (including insemination), and other miscellaneous.

AGRICULTURAL PRODUCTION EXPENSES: Arizona, 1979-83

| Year | Total current farm operating expenses | Depreciation 1/ | Farm property taxes | Interest farm mortgage debts | Net Rent to non-operator landlords | Total production expenses |
|---|---|---|---|---|---|---|
| | | | Million dollars | | | |
| 1979 | 1,213.1 | 164.1 | 27.0 | 40.2 | 21.4 | 1,465.8 |
| 1980 | 1,311.6 | 183.2 | 30.8 | 48.6 | 32.4 | 1,606.7 |
| 1981 | 1,304.8 | 197.8 | 28.1 | 54.6 | 34.6 | 1,619.9 |
| 1982 | 1,286.8 | 197.3 | 26.7 | 58.3 | 35.1 | 1,604.2 |
| 1983 | 1,280.4 | 193.8 | 27.6 | 60.1 | 32.0 | 1,593.8 |

1/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, 1983, U.S.D.A., - Economic Research Service, January, 1985.

CASH INCOME FROM FARMING: Arizona, 1979-83 1/

| Item | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| | | | Million dollars | | |
| Cash sources | 1,749.4 | 1,732.1 | 1,801.6 | 1,683.5 | 1,808.6 |
| Farm marketings | 1,719.5 | 1,706.1 | 1,770.2 | 1,597.5 | 1,675.4 |
| Crops | 869.6 | 924.4 | 1,040.6 | 914.5 | 959.9 |
| Livestock and products | 849.9 | 781.7 | 729.6 | 683.1 | 715.5 |
| Government payments | 9.1 | 5.1 | 5.9 | 59.4 | 111.4 |
| Other farm cash receipts 2/ | 20.9 | 20.9 | 25.5 | 26.5 | 21.8 |
| Cash uses | 1,283.3 | 1,403.1 | 1,400.7 | 1,381.3 | 1,376.4 |
| Intermediate product expenses | 996.3 | 1,061.0 | 1,016.7 | 961.8 | 976.8 |
| Farm origin | 545.3 | 538.2 | 446.7 | 406.3 | 466.7 |
| Manufactured inputs | 216.1 | 266.8 | 288.4 | 277.6 | 255.5 |
| Other | 234.8 | 256.0 | 281.6 | 277.9 | 254.7 |
| Business taxes | 25.9 | 29.8 | 27.2 | 25.9 | 26.7 |
| Interest | 115.7 | 143.7 | 179.4 | 189.9 | 175.5 |
| Cash wages to hired labor 3/ | 122.1 | 133.2 | 139.7 | 165.6 | 162.5 |
| Net rent to all landlords | 23.3 | 35.4 | 37.7 | 38.2 | 34.8 |
| Cash income from farming | 466.1 | 329.0 | 400.9 | 302.2 | 432.2 |

1/ Excludes net Commodity Credit Corporation loans and farm households.
2/ Machine hire, custom work, and recreational income.
3/ Wages to hired labor less perquisites.
Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, U.S.D.A. Economic Research Service.

GOVERNMENT PAYMENTS: By program, Arizona, 1979-83

| Year | Conservation 1/ | Feed grain program | Wheat program | Cotton program | Wool act program | Miscellaneous programs 2/ | Total |
|---|---|---|---|---|---|---|---|
| | | | | 1,000 dollars | | | |
| 1979 | 5,249 | 751 | 277 | 1,609 | 3/ | 1,186 | 9,072 |
| 1980 | 3,157 | 242 | 14 | 863 | 503 | 302 | 5,081 |
| 1981 | 2,706 | 339 | 1,748 | 83 | 597 | 387 | 5,860 |
| 1982 | 1,492 | 823 | 1,183 | 54,733 | 743 | 473 | 59,447 |
| 1983 | 1,520 | 638 | 1,113 | 42,188 | 1,183 | 64,760 | 111,402 |

1/ Includes amount paid under agriculture and conservation programs (Agriculture Conservation, Emergency Conservation, and Drought and Flood Conservation.
2/ Includes Milk Idemnity Program, Beekeepers Idemnity Program, Regional Development Program, Potato Diversion Program, Forest Incentive Program, Water Bank Program, Emergency Livestock Feed Program, Extended Storage Program, and Payment-in-Kind Program.
3/ Included in miscellaneous programs.
Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, U.S.D.A. Economic Research Service.

FARM REAL ESTATE DEBT: Amount outstanding by lender, Arizona, January 1, 1980-84 1/

| Year | Federal land banks | Farmers Home Administration | Life insurance companies | All operating banks | Individuals and others | Total |
|---|---|---|---|---|---|---|
| | | | 1,000 dollars | | | |
| 1980 | 84,465 | 65,093 | 197,000 | 11,634 | 222,835 | 581,027 |
| 1981 | 113,057 | 69,520 | 217,100 | 13,702 | 241,218 | 654,597 |
| 1982 | 133,534 | 80,161 | 220,300 | 11,732 | 253,926 | 699,653 |
| 1983 | 144,569 | 81,866 | 219,988 | 12,400 | 255,765 | 714,588 |
| 1984 | 155,000 | 82,000 | 239,000 | 14,000 | 258,000 | 748,000 |

1/ Includes farm households.
Source: Agricultural Finance Statistics, U.S.D.A., Economic Research Service.

FARM NONREAL ESTATE DEBT: Amount of outstanding by lender, January 1, 1980-84 1/

| Year | Debt owed to reporting institutions (excluding CCC) | | | | | Individuals and others | Commodity Credit Corporation | Total |
|---|---|---|---|---|---|---|---|---|
| | All operating banks | Production credit associations | Federal intermediate credit banks | Farmers Home Administration | Total | | | |
| | | | | 1,000 dollars | | | | |
| 1980 | 412,069 | 130,570 | 1,377 | 148,285 | 692,301 | 244,606 | 745 | 937,652 |
| 1981 | 433,075 | 130,250 | 1,135 | 189,003 | 753,463 | 260,557 | 9,631 | 1,023,651 |
| 1982 | 443,086 | 179,486 | 14,028 | 209,602 | 846,202 | 256,901 | 20,778 | 1,123,881 |
| 1983 | 441,300 | 172,747 | 10,380 | 222,076 | 846,503 | 258,525 | 60,795 | 1,165,823 |
| 1984 | 462,000 | 183,000 | 7,000 | 221,000 | 873,000 | 261,000 | 33,000 | 1,166,000 |

1/ Includes farm households.
Source: Agricultural Finance Statistics, U.S.D.A., Economic Research Service.

FARM BALANCE SHEET: Arizona, January 1, 1980-84 1/

| ITEM | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| | | | Million dollars | | |
| **Total farm assets** | 11,126.0 | 11,896.3 | 12,229.1 | 11,618.5 | 11,752.4 |
| Real estate | 9,812.9 | 10,515.0 | 10,968.7 | 10,388.3 | 10,617.8 |
| Livestock and poultry | 524.4 | 527.5 | 449.4 | 440.3 | 411.0 |
| Machinery and motor vehicles | 379.8 | 432.4 | 448.4 | 453.8 | 443.9 |
| Crops | 265.1 | 270.0 | 205.2 | 181.0 | 119.1 |
| Financial assets | 143.8 | 151.5 | 157.3 | 155.0 | 160.5 |
| **Total farm debt** | 1,442.5 | 1,595.1 | 1,733.8 | 1,790.0 | 1,820.8 |
| Real estate debt | 555.2 | 625.8 | 669.3 | 684.0 | 716.4 |
| Nonreal estate debt | 886.3 | 959.3 | 1,043.5 | 1,045.1 | 1,071.4 |
| CCC loans | 1.0 | 10.0 | 21.0 | 61.0 | 33.0 |
| **Equity** | 9,683.5 | 10,301.2 | 10,495.3 | 9,828.5 | 9,931.6 |
| **Ratios** | | | | | |
| Equity/assets | 87.0 | 86.6 | 85.8 | 84.6 | 84.5 |
| Debt/equity | 14.9 | 15.5 | 16.5 | 18.2 | 18.3 |
| Debt/asset, total | 13.0 | 13.4 | 14.2 | 15.4 | 15.5 |
| Debt/asset, real estate | 5.7 | 6.0 | 6.1 | 6.6 | 6.7 |
| Debt/asset, nonreal estate and CCC | 67.6 | 70.2 | 84.5 | 89.9 | 97.3 |
| Returns to operator/total debt | 21.1 | 19.0 | 4.2 | 3.0 | 2/ |

1/ Excludes farm households.
2/ Not available.
Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, U.S.D.A. Economic Research Service.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS AND GOVERNMENT PAYMENTS: Arizona, 1979-84

| Commodity group | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 1/ |
|---|---|---|---|---|---|---|
| | | | 1,000 dollars | | | |
| Cotton lint | 392,889 | 427,767 | 471,295 | 473,901 | 382,788 | |
| Cottonseed | 39,852 | 49,327 | 42,111 | 23,516 | 40,040 | |
| Wheat | 34,466 | 64,838 | 92,169 | 38,886 | 62,307 | |
| Hay | 71,619 | 80,847 | 73,740 | 78,689 | 88,963 | |
| Feed grains | 24,905 | 28,039 | 27,796 | 25,197 | 25,298 | |
| Citrus | 64,161 | 40,190 | 42,974 | 53,319 | 29,996 | |
| Grapes | 12,499 | 14,438 | 15,302 | 14,905 | 14,409 | |
| Vegetables | 175,277 | 169,527 | 203,055 | 222,017 | 229,214 | |
| Other miscellaneous crops | 70,156 | 56,960 | 68,019 | 65,290 | 55,105 | |
| Total all crops | 885,824 | 931,933 | 1,036,461 | 995,720 | 928,120 | 830,401 |
| Cattle and calves | 682,250 | 600,696 | 522,914 | 461,956 | 495,648 | |
| Dairy products | 118,969 | 137,634 | 158,920 | 166,387 | 171,252 | |
| Hogs | 24,070 | 22,448 | 28,743 | 35,011 | 31,963 | |
| Sheep, lambs and wool | 15,205 | 12,318 | 10,560 | 10,986 | 8,377 | |
| Poultry and eggs | 6,010 | 4,215 | 4,580 | 4,814 | 4,705 | |
| Other livestock and products | 3,387 | 4,432 | 3,903 | 3,907 | 3,565 | |
| Total livestock and products | 849,891 | 781,743 | 729,620 | 683,061 | 715,510 | 766,726 |
| Total all commodities | 1,735,715 | 1,713,676 | 1,766,081 | 1,678,781 | 1,643,630 | 1,597,127 |
| Government payments | 9,072 | 5,081 | 5,860 | 59,447 | 111,402 | |
| Total cash receipts | 1,744,787 | 1,718,757 | 1,771,941 | 1,738,228 | 1,755,032 | |

1/ Only crop and livestock totals available.
Source: Economic Indicators of the Farm Sector, U.S.D.A., Economic Research Service.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1979-83

| County | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| | | | 1,000 dollars | | |
| Apache | 4,816 | 3,728 | 1,568 | 1,744 | 2,085 |
| Cochise | 36,951 | 38,209 | 48,155 | 37,601 | 36,437 |
| Coconino | 10,738 | 9,319 | 5,615 | 3,994 | 3,878 |
| Gila | 4,052 | 2,796 | 8,069 | 9,372 | 8,115 |
| Graham | 18,064 | 21,434 | 32,503 | 32,233 | 28,641 |
| Greenlee | 2,981 | 2,796 | 3,070 | 1,439 | 2,024 |
| La Paz 1/ | | | | | 73,945 |
| Maricopa | 345,992 | 377,433 | 384,017 | 367,326 | 358,167 |
| Mohave | 7,587 | 10,251 | 7,045 | 8,507 | 9,396 |
| Navajo | 4,286 | 3,728 | 4,579 | 4,328 | 4,467 |
| Pima | 20,849 | 20,503 | 26,169 | 23,593 | 19,963 |
| Pinal | 147,380 | 174,271 | 186,606 | 173,421 | 158,113 |
| Santa Cruz | 1,922 | 1,864 | 1,370 | 977 | 1,136 |
| Yavapai | 7,697 | 6,524 | 1,929 | 1,585 | 1,718 |
| Yuma 1/ | 272,509 | 259,077 | 325,766 | 329,600 | 220,035 |
| Arizona | 885,824 | 931,933 | 1,036,461 | 995,720 | 928,120 |

1/ La Paz County created from Yuma County in 1983.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, Arizona, by counties, 1979-1983

| County | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| | | | 1,000 dollars | | |
| Apache | 19,107 | 20,182 | 18,395 | 19,075 | 19,331 |
| Cochise | 28,106 | 27,107 | 23,806 | 21,423 | 24,330 |
| Coconino | 16,462 | 16,767 | 14,976 | 14,691 | 16,975 |
| Gila | 10,278 | 11,465 | 10,229 | 9,571 | 8,146 |
| Graham | 20,565 | 21,136 | 20,175 | 18,772 | 20,065 |
| Greenlee | 5,500 | 6,300 | 6,243 | 5,414 | 6,356 |
| La Paz 1/ | | | | | 2,421 |
| Maricopa | 302,520 | 292,714 | 301,109 | 299,077 | 296,658 |
| Mohave | 13,854 | 14,373 | 14,657 | 12,608 | 14,332 |
| Navajo | 23,472 | 24,777 | 26,462 | 27,643 | 28,194 |
| Pima | 29,656 | 30,310 | 26,887 | 24,056 | 26,289 |
| Pinal | 239,654 | 184,552 | 149,281 | 116,956 | 122,295 |
| Santa Cruz | 5,938 | 5,690 | 4,627 | 3,945 | 5,537 |
| Yavapai | 20,799 | 22,932 | 21,669 | 20,390 | 23,113 |
| Yuma 1/ | 113,980 | 103,438 | 91,104 | 89,440 | 101,468 |
| Arizona | 849,891 | 781,743 | 729,620 | 683,061 | 715,510 |

1/ La Paz County created from Yuma County in 1983.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Total crops and livestock, Arizona, by counties, 1979-83

| County | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| | | | 1,000 dollars | | |
| Apache | 23,923 | 23,910 | 19,963 | 20,819 | 21,416 |
| Cochise | 65,057 | 65,316 | 71,961 | 59,024 | 60,767 |
| Coconino | 27,200 | 26,086 | 20,591 | 18,685 | 20,853 |
| Gila | 14,330 | 14,261 | 18,298 | 18,943 | 16,261 |
| Graham | 38,629 | 42,570 | 52,678 | 51,005 | 48,706 |
| Greenlee | 8,481 | 9,096 | 9,313 | 6,853 | 8,380 |
| La Paz 1/ | | | | | 76,366 |
| Maricopa | 648,512 | 670,147 | 685,126 | 666,403 | 654,825 |
| Mohave | 21,441 | 24,624 | 21,702 | 21,115 | 23,728 |
| Navajo | 27,758 | 28,505 | 31,041 | 31,971 | 32,661 |
| Pima | 50,505 | 50,813 | 53,056 | 47,649 | 46,252 |
| Pinal | 387,034 | 358,823 | 335,887 | 290,377 | 280,408 |
| Santa Cruz | 7,860 | 7,554 | 5,997 | 4,922 | 6,673 |
| Yavapai | 28,496 | 29,456 | 23,598 | 21,975 | 24,831 |
| Yuma 1/ | 386,489 | 362,515 | 416,870 | 419,040 | 321,503 |
| Arizona | 1,735,715 | 1,713,676 | 1,766,081 | 1,678,781 | 1,643,630 |

1/ La Paz County created from Yuma County in 1983.

CROP SUMMARY: Acreage harvested, production, and value, Arizona and United States, 1982-84

| Crop | Acres harvested | | | Production | | | | Value | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1982 | 1983 | 1984 | Unit | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 |
| | | 1,000 acres | | | | 1,000 | | | 1,000 Dollars | |
| ARIZONA | | | | | | | | | | |
| Barley | 30 | 27 | 53 | Ton | 91 | 67 | 120 | 10,374 | 8,400 | 16,059 |
| Corn for grain | 18 | 17 | 26 | Ton | 67 | 65 | 102 | 7,690 | 8,762 | 11,648 |
| Corn for silage | 12 | 8 | 6 | Ton | 276 | 192 | 150 | 1/ | 1/ | 1/ |
| Corn for forage | 0 | 0 | 0 | | | | | | | |
| All cotton | 511.6 | 313.3 | 479.3 | Bale | 1,160.9 | 771.9 | 1,105.1 | 348,608 | 260,073 | 348,626 |
| Cottonseed | | | | Ton | 495.0 | 302.4 | 464.5 | 39,600 | 51,710 | 46,915 |
| All hay | 105 | 170 | 175 | Ton | 1,241 | 1,157 | 1,180 | 91,214 | 107,601 | 100,300 |
| Sorghum for grain | 15 | 13 | 16 | Ton | 33.2 | 27.7 | 38.1 | 3,460 | 3,596 | 4,379 |
| Sorghum for silage | 4 | 5 | 2 | Ton | 78 | 80 | 40 | 1/ | 1/ | 1/ |
| Sorghum for forage | 1 | 1 | 0 | | 1/ | 1/ | | 1/ | 1/ | |
| All wheat | 143 | 119 | 142 | Ton | 372 | 323 | 383 | 44,674 | 44,477 | 52,722 |
| Broccoli 2/ | .9 | 1.0 | 1.3 | Cwt. | 65 | 69 | 99 | 2,150 | 1,889 | 2,774 |
| Carrots 2/ | 2.7 | 3.2 | 2.9 | Cwt. | 449 | 550 | 390 | 5,743 | 5,435 | 5,787 |
| Cauliflower 2/ | 2.0 | 3.6 | 4.0 | Cwt. | 283 | 429 | 468 | 11,114 | 15,223 | 16,809 |
| Honeydews | 3.5 | 2.8 | 2.0 | Cwt. | 438 | 280 | 280 | 4,643 | 4,284 | 5,348 |
| Other lettuce | 9.4 | 10.3 | 8.2 | Cwt. | 3,150 | 2,733 | 2,054 | 42,553 | 37,268 | 19,523 |
| Western lettuce 2/ | 22.9 | 29.0 | 30.1 | Cwt. | 7,487 | 8,900 | 8,624 | 124,867 | 82,114 | 87,905 |
| Dry onions | 1.7 | 1.6 | 2.3 | Cwt. | 876 | 656 | 805 | 6,899 | 5,287 | 7,366 |
| All potatoes | 4.7 | 4.9 | 5.4 | Cwt. | 1,434 | 1,274 | 1,647 | 9,393 | 8,600 | 15,152 |
| Grapefruit 2/ | 8.2 | 6.8 | 6.8 | Ctn. | 4,800 | 5,400 | 4,200 | 5,664 | 6,885 | 9,010 |
| Lemons 2/ | 21.6 | 19.5 | 18.3 | Ctn. | 12,600 | 10,100 | 8,000 | 20,944 | 22,275 | 19,320 |
| Oranges 2/ | 13.5 | 12.6 | 12.6 | Ctn. | 6,100 | 7,600 | 3,600 | 18,280 | 18,297 | 13,891 |
| Tangerines 2/ | 3.4 | 3.5 | 3.5 | Ctn. | 1,500 | 2,200 | 1,900 | 5,010 | 6,904 | 6,384 |
| Grapes | 3.5 | 3.8 | 4.4 | Ton | 15.1 | 14.6 | 14.0 | 14,964 | 15,330 | 18,340 |
| UNITED STATES | | | | | | | | | | |
| Barley | 9,013 | 9,731 | 11,171 | Ton | 12,382 | 12,214 | 14,317 | 1,143,209 | 1,268,906 | 1,347,290 |
| Corn for grain | 72,719 | 51,483 | 71,776 | Ton | 230,583 | 116,891 | 214,200 | 22,039,409 | 13,537,170 | 20,544,281 |
| Corn for silage | 8,252 | 7,814 | 7,533 | Ton | 117,782 | 96,347 | 104,056 | 1/ | 1/ | 1/ |
| Corn for forage | 307 | 300 | 327 | | 1/ | 1/ | 1/ | 1/ | 1/ | 1/ |
| All cotton | 9,733.9 | 7,347.5 | 10,379.1 | Bale | 11,962.7 | 7,771.4 | 12,981.8 | 3,410,202 | 2,470,176 | 3,658,251 |
| Cottonseed | | | | Ton | 4,743.9 | 3,075.7 | 5,148.9 | 366,240 | 511,450 | 512,926 |
| All hay | 59,812 | 59,717 | 61,585 | Ton | 149,241 | 140,764 | 150,781 | 9,529,516 | 9,970,565 | 10,705,446 |
| Sorghum for grain | 14,137 | 10,001 | 15,348 | Ton | 23,382 | 13,651 | 24,244 | 2,090,774 | 1,382,097 | 2,038,515 |
| Sorghum for silage | 603 | 639 | 609 | Ton | 7,403 | 6,572 | 6,472 | 1/ | 1/ | 1/ |
| Sorghum for forage | 914 | 747 | 680 | | 1/ | 1/ | 1/ | 1/ | 1/ | 1/ |
| All wheat | 77,937 | 61,390 | 66,928 | Ton | 82,949 | 72,595 | 77,864 | 9,813,015 | 8,532,790 | 8,735,303 |
| Broccoli | 92.0 | 91.8 | 100.1 | Cwt. | 8,819 | 8,349 | 10,391 | 211,086 | 210,774 | 246,838 |
| Carrots | 79.4 | 80.3 | 81.2 | Cwt. | 23,420 | 22,638 | 22,595 | 198,418 | 208,608 | 237,983 |
| Cauliflower | 51.1 | 55.1 | 57.3 | Cwt. | 5,353 | 5,491 | 6,477 | 130,796 | 143,176 | 178,976 |
| Honeydews | 24.9 | 23.8 | 23.1 | Cwt. | 3,780 | 3,918 | 4,009 | 53,111 | 51,540 | 56,336 |
| All lettuce | 215.1 | 227.7 | 225.0 | Cwt. | 62,777 | 63,231 | 64,398 | 755,496 | 788,892 | 732,868 |
| Dry onions | 125.2 | 121.5 | 126.0 | Cwt. | 41,637 | 38,370 | 41,611 | 306,371 | 427,997 | 405,553 |
| All potatoes | 1,266.9 | 1,242.5 | 1,300.0 | Cwt. | 355,131 | 333,911 | 361,640 | 1,562,639 | 1,935,502 | 2,034,443 |
| Grapefruit 2/ | 199.0 | 199.3 | 192.0 | Ctn. | 141,100 | 121,200 | 105,280 | 229,038 | 185,188 | 208,057 |
| Lemons 2/ | 75.9 | 71.5 | 69.7 | Ctn. | 49,600 | 50,700 | 42,500 | 105,688 | 111,286 | 115,478 |
| Oranges 2/ | 777.1 | 750.8 | 744.7 | Ctn. | 353,380 | 450,360 | 338,620 | 1,167,795 | 1,317,139 | 1,216,314 |
| Tangerines 2/ | 24.8 | 23.8 | 21.7 | Ctn. | 9,960 | 11,000 | 9,600 | 40,728 | 43,034 | 36,526 |
| Grapes | 1/ | 1/ | 1/ | Ton | 5,864.9 | 5,360.2 | 5,094.8 | 1,361,210 | 1,066,393 | 837,958 |

---

1/ Not available.
2/ 1983/84 season.

## LIVESTOCK SUMMARY: Inventory and value, Arizona and United States, 1981-85

| Specie and class | Inventory 1/ | | | | | Value 2/ | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1981 | 1982 | 1983 | 1984 | 1985 | 1981 | 1982 | 1983 | 1984 | 1985 |
| | 1,000 Head | | | | | 1,000 Dollars | | | | |
| ARIZONA | | | | | | | | | | |
| ALL CATTLE AND CALVES 3/ | 1,075 | 1,000 | 1,000 | 980 | 1,050 | 494,500 | 410,000 | 400,000 | 377,300 | 414,750 |
| Beef cows | 285 | 275 | 278 | 268 | 272 | | | | | |
| Milk cows | 75 | 80 | 82 | 82 | 83 | | | | | |
| Beef cow replacement heifers | 49 | 49 | 37 | 32 | 37 | | | | | |
| Milk cow replacement heifers | 17 | 19 | 21 | 15 | 18 | | | | | |
| Others heifers 500 pounds and over | 32 | 25 | 17 | 14 | 10 | | | | | |
| Steers 500 pounds and over | 361 | 334 | 306 | 305 | 350 | | | | | |
| Bulls 500 pounds and over | 26 | 26 | 29 | 24 | 30 | | | | | |
| Calves under 500 pounds | 230 | 192 | 230 | 240 | 250 | | | | | |
| Cattle on feed 4/ | 401 | 330 | 385 | 407 | 419 | | | | | |
| ALL HOGS 5/ | 180 | 170 | 170 | 150 | 170 | 11,880 | 12,665 | 17,425 | 11,700 | 15,640 |
| Breeding hogs | 23 | 21 | 21 | 18 | 20 | | | | | |
| Market hogs | 157 | 149 | 149 | 132 | 150 | | | | | |
| Under 60 pounds | 52 | 57 | 58 | 51 | 51 | | | | | |
| 60-119 pounds | 36 | 33 | 34 | 30 | 40 | | | | | |
| 120-179 pounds | 35 | 33 | 29 | 27 | 31 | | | | | |
| 180 pounds and over | 34 | 26 | 28 | 24 | 28 | | | | | |
| ALL SHEEP AND LAMBS 3/ | 372 | 377 | 343 | 306 | 266 | 20,274 | 25,636 | 22,124 | 21,267 | 16,492 |
| Stock sheep | 325 | 320 | 293 | 261 | 232 | | | | | |
| Ewes one year or older | 240 | 235 | 201 | 178 | 148 | | | | | |
| Rams and wethers one year or older | 9 | 8 | 16 | 12 | 11 | | | | | |
| Ewe lambs | 56 | 54 | 51 | 48 | 48 | | | | | |
| Wether and ram lambs | 20 | 23 | 25 | 23 | 25 | | | | | |
| Sheep and lambs on feed | 47 | 57 | 50 | 45 | 34 | | | | | |
| ALL CHICKENS 5/ | 550 | 530 | 500 | 400 | 490 | 825 | 1,140 | 750 | 780 | 980 |
| Hens and pullets of laying age | 460 | 480 | 470 | 380 | 462 | | | | | |
| UNITED STATES | | | | | | | | | | |
| ALL CATTLE AND CALVES 3/ | 114,351 | 115,444 | 115,001 | 113,700 | 109,801 | 54,123,534 | 47,905,367 | 46,708,350 | 44,975,575 | 44,147,243 |
| Beef cows | 38,773 | 39,230 | 37,940 | 37,494 | 35,393 | | | | | |
| Milk cows | 10,849 | 10,986 | 11,047 | 11,109 | 10,819 | | | | | |
| Beef cow replacement heifers | 6,137 | 6,607 | 6,336 | 6,183 | 5,536 | | | | | |
| Milk cow replacement heifers | 4,342 | 4,547 | 4,545 | 4,532 | 4,757 | | | | | |
| Other heifers 500 pounds and over | 7,280 | 7,190 | 7,965 | 7,851 | 8,036 | | | | | |
| Steers 500 pounds and over | 15,521 | 15,497 | 16,214 | 16,371 | 16,399 | | | | | |
| Bulls 500 pounds and over | 2,547 | 2,611 | 2,609 | 2,549 | 2,411 | | | | | |
| Calves under 500 pounds | 28,903 | 28,777 | 28,346 | 27,611 | 26,450 | | | | | |
| Cattle on feed 4/ | 11,598 | 10,618 | 12,051 | 11,594 | 12,440 | | | | | |
| ALL HOGS 5/ | 64,462 | 58,698 | 54,534 | 56,694 | 54,043 | 4,815,218 | 4,114,350 | 4,903,494 | 3,330,803 | 4,053,714 |
| Breeding hogs | 9,118 | 7,844 | 7,475 | 7,391 | 6,930 | | | | | |
| Market hogs | 55,344 | 50,854 | 47,059 | 49,303 | 47,113 | | | | | |
| Under 60 pounds | 22,131 | 19,490 | 18,830 | 19,028 | 18,035 | | | | | |
| 60-119 pounds | 13,977 | 12,926 | 11,942 | 12,626 | 12,021 | | | | | |
| 120-179 pounds | 10,996 | 10,439 | 9,375 | 9,985 | 9,605 | | | | | |
| 180 pounds and over | 8,240 | 7,999 | 6,912 | 7,664 | 7,452 | | | | | |
| ALL SHEEP AND LAMBS 3/ | 12,947 | 12,997 | 12,140 | 11,487 | 10,443 | 904,303 | 742,139 | 628,599 | 598,904 | 637,880 |
| Stock sheep | 11,298 | 11,433 | 10,479 | 9,769 | 8,847 | | | | | |
| Ewes one year or older | 8,780 | 8,811 | 8,343 | 7,874 | 7,233 | | | | | |
| Rams and wethers one year or older | 371 | 389 | 374 | 340 | 314 | | | | | |
| Ewe lambs | 1,790 | 1,810 | 1,420 | 1,237 | 1,016 | | | | | |
| Wether and ram lambs | 358 | 423 | 343 | 318 | 284 | | | | | |
| Sheep and lambs on feed | 1,649 | 1,564 | 1,661 | 1,718 | 1,596 | | | | | |
| ALL CHICKENS 5/ | 391,931 | 385,338 | 379,219 | 364,880 | 373,953 | 737,495 | 728,460 | 702,556 | 716,700 | 755,618 |
| Hens and pullets of laying age | 294,067 | 293,804 | 289,637 | 278,517 | 285,703 | | | | | |

---

1/ Numbers may not add due to rounding.
2/ Annual average value published only for the total inventory numbers.
3/ Estimates are based on January of the current year.
4/ Total cattle on feed included in other classes.
5/ Estimates are based on December 1 of the previous year.

RANKING OF STATES PRODUCING MAJOR ARIZONA COMMODITIES: Based on production 1982-84

| Commodity | First | | | Second | | | Third | | | Fourth | | | Fifth | | | Arizona | | | Number of states in estimating program |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 | 1982 | 1983 | 1984 | |
| All cotton | CA | TX | TX | TX | CA | CA | MS | MS | MS | AZ | AZ | AZ | LA | LA | LA | 4 | 4 | 4 | 17 |
| Upland cotton | CA | TX | TX | TX | CA | CA | MS | MS | MS | AZ | AZ | AZ | LA | LA | LA | 4 | 4 | 4 | 17 |
| American-Pima cotton | AZ | AZ | AZ | TX | TX | TX | NM | NM | NM | | | | | | | 1 | 1 | 1 | 3 |
| Cottonseed | CA | TX | TX | TX | CA | CA | MS | MS | MS | AZ | AZ | AZ | LA | LA | LA | 4 | 4 | 4 | 17 |
| Alfalfa hay | WI | WI | WI | IA | MN | CA | CA | CA | IA | MN | SD | MN | NE | NE | SD | 24 | 25 | 25 | 43 |
| All wheat | KS | KS | KS | ND | ND | ND | OK | WA | OK | MT | TX | WA | TX | OK | TX | 30 | 28 | 28 | 41 |
| Durum wheat | ND | ND | ND | CA | CA | CA | MT | AZ | AZ | AZ | MT | MT | SD | SD | SD | 4 | 3 | 3 | 6 |
| Winter wheat | KS | KS | KS | OK | WA | OK | TX | TX | TX | WA | OK | WA | NE | CO | CO | 32 | 33 | 36 | 41 |
| Barley | ND | ND | ND | MT | MT | ID | ID | ID | WA | MN | WA | MN | WA | MN | MT | 13 | 17 | 14 | 29 |
| Corn for grain | IA | IA | IA | IL | IL | IL | IN | NE | NE | NE | MN | IN | MN | IN | MN | 38 | 38 | 39 | 41 |
| Sorghum for grain | TX | TX | KS | KS | KS | TX | NE | NE | NE | MO | MO | MO | OK | AR | AR | 19 | 18 | 20 | 23 |
| Potatoes | ID | ID | ID | WA | WA | WA | ME | ME | CA | WI | OR | OR | CA | ND | ME | 26 | 24 | 24 | 38 |
| Fresh market vegetables | CA | CA | CA | FL | FL | FL | AZ | AZ | AZ | TX | TX | TX | NY | MI | OR | 3 | 3 | 3 | 31 |
| Lettuce | CA | CA | CA | AZ | AZ | AZ | FL | FL | FL | NM | NM | NY | TX | CO | CO | 2 | 2 | 2 | 13 |
| Dry onions | CA | CA | CA | TX | TX | OR | OR | OR | TX | NY | CO | CO | CO | NY | NY | 10 | 10 | 10 | 15 |
| Broccoli | CA | CA | CA | TX | TX | TX | OR | OR | OR | AZ | AZ | AZ | | | | 4 | 4 | 4 | 4 |
| Carrots (fresh) | CA | CA | CA | TX | TX | TX | WA | MI | MI | WI | WA | WA | MI | WI | WI | 9 | 6 | 9 | 12 |
| Cauliflower (fresh) | CA | CA | CA | OR | OR | OR | [illegible] | AZ | AZ | AZ | NY | NY | TX | TX | TX | 4 | 3 | 3 | 6 |
| Honeydews | CA | CA | CA | TX | TX | TX | AZ | AZ | AZ | | | | | | | 3 | 3 | 3 | 3 |
| All oranges | FL | FL | FL | CA | CA | CA | TX | TX | TX | AZ | AZ | AZ | | | | 4 | 4 | 4 | 4 |
| Grapefruit | FL | FL | FL | TX | TX | CA | CA | CA | TX | AZ | AZ | AZ | | | | 4 | 4 | 4 | 4 |
| Lemons | CA | CA | CA | AZ | AZ | AZ | | | | | | | | | | 2 | 2 | 2 | 2 |
| Tangerines | FL | FL | FL | CA | CA | CA | AZ | AZ | AZ | | | | | | | 3 | 3 | 3 | 3 |
| All grapes | CA | CA | CA | WA | WA | NY | NY | NY | WA | MI | PA | PA | PA | MI | MI | 6 | 6 | 6 | 12 |
| All cattle and calves 1/ | TX | TX | TX | NE | NE | NE | IA | KS | KS | KS | IA | IA | MO | OK | OK | 35 | 35 | 35 | 50 |
| Cattle on feed 1/ | TX | TX | TX | NE | NE | NE | KS | KS | KS | IA | IA | CO | CO | CO | IA | 9 | 8 | 8 | 13 |
| Milk production | WI | WI | WI | CA | CA | CA | NY | NY | NY | MN | MN | MN | PA | PA | PA | 27 | 27 | 26 | 50 |
| Sheep and lambs 1/ | TX | TX | TX | CA | CA | CA | WY | WY | WY | CO | SD | CO | SD | CO | SD | 12 | 12 | 12 | 41 |
| Hogs and pigs 2/ | IA | IA | IA | IL | IL | IL | IN | MN | 3/ | MN | IN | | NE | NE | NE | 28 | 30 | 27 | 50 |
| Chickens 2/ 4/ | CA | CA | CA | GA | GA | IN | IN | IN | GA | AK | PA | PA | PA | AK | AK | 44 | 45 | 45 | 50 |

1/ January 1 following year inventory.
2/ December 1 inventory.
3/ Indiana and Minnesota.
4/ Average number of hens and pullets of laying age, excluding commercial broilers.

# FIELD CROPS

COTTON: Arizona's cotton growers began early in the year making preparations for the 1984 crop. Seedbed work had started in many areas by February 1 and was well underway by mid-month. Seeding began on a limited scale in Yuma County the first week of March. Planting made good progress during March with favorable weather and above normal temperatures. Over half the acreage had been seeded by April 1 in the western counties and progress was approaching the halfway mark in the central counties. Growers in the southeastern counties were just beginning to plant. By May 1 over 90 percent of the acreage had been seeded, about 10 percentage points ahead of average. Cool temperatures and high winds in late April caused some damage to plants. These factors, as well as untimely rains, practically doubled the replanting rate. Planting was virtually complete by mid-May.

Growers planted 430,000 acres of upland, a sizeable increase over 1983 (PIK year), but still below the level prior to 1983. American-Pima growers planted 50,500 acres, the largest acreage in 21 years. The elimination of acreage allotments for 1984 contributed to the increase. Arizona was the leading state with 62 percent of the acreage of American-Pima cotton in 1984.

By July 1, 94 percent of the acreage was squaring and 55 percent was setting bolls. Rains in late July and August increased grower's problems with weeds and insects. About 95 percent of the acreage had open bolls by October 1 and defoliation was active. Harvest was well underway in the west and central regions by mid-October and had started in the southeast. Weather conditions were near ideal for cotton picking from early October through most of November. Growers had picked 94 percent of the acreage at least once by December 1, nearly 10 percentage points ahead of average. Growers normally pick their acreage twice; however, this season, only one picking was necessary on about half the acreage. About 97 percent of the crop had been picked by December 31. Growers produced 1,097,000 bales of upland and 88,100 bales of American-Pima cotton.

WHEAT AND BARLEY: Small grain seeding got off to a good start and was well underway by mid-December 1983. The smaller 1983 cotton acreage gave some growers a head start. Seeding was about 60 percent complete by January 1 with some stands established in all areas. Growers had seeded practically all the acreage by February 1. Seeded acres included 82,000 acres of Durum, 63,000 acres of other wheat, and 55,000 acres of barley. Durum wheat growers seeded about 55 percent of their acreage to Aldura and 30 percent to Mexicali 75. About 80 percent of the other wheat acreage was seeded with Yecora Rojo. The crops made good progress with no unusual weed or insect problems. By early April, 75 percent of the crop had headed and about one-third of the Yuma County acreage was turning color. Wheat harvest started the first week of May in Yuma County while barley harvest got underway in Maricopa County. Barley harvest was winding down in Maricopa County the first week of June while wheat harvest was in full swing statewide. Harvest was winding down by the first of July. Growers harvested 142,000 acres of wheat with an average yield of 2.7 tons per acre and 53,000 acres of barley which averaged 2.4 tons per acre.

ALFALFA: Harvesting of the 1984 alfalfa crop got underway in Yuma County in early March. Harvest was active in the western counties by late April and was underway in the central counties. Harvest was active in all areas by mid-June with supplies adequate for current demand. Growers were harvesting good quality hay. Harvest was at a peak by early July with most of the hay moving to local markets. By the end of July supplies had exceeded demand and much of the current harvest was being stacked. Rains during late July and August hampered haying operations. With supplies large and frequent rains a threat, growers harvested more alfalfa as green chop. By mid-September, much of the hay offered for sale had some degree of rain damage. Good quality hay was short by the end of the month. Many Maricopa County growers did not irrigate during August, which also contributed to a short supply of good quality hay. Stand renovation started in late September and was active during October. Seedbed preparation and seeding for new stands was active on many farms during October and into November. Harvest was near completion in the central area and southeast by the end of October and was winding down in the western counties. Sheeping-off began in early October and was active by mid-November. Growers received an average of $95.00 per ton in April as harvest was getting underway. As harvest increased and supplies grew larger, prices dropped to an $84.00 average in June. With peak harvest in July, the increased supply brought prices to a low of $71.00 per ton for August. As harvest wound down and supplies declined, prices moved back up to an average of $95.00 per ton for November. Growers harvested an average of 7.2 tons per acre from 150,000 acres in 1984.

CORN: Acreage devoted to corn in Arizona reached a high of 70,000 acres in 1978. However, acreage had declined to 25,000 acres by 1983, just over one-third of the 1978 level. Most of this reduction took place in Cochise County, where 41,000 acres produced corn in 1978 and only 7,800 acres were grown in 1983. The increasing cost of irrigation has resulted in considerable acreage going out of production in Cochise County. Total irrigated acreage in Cochise County dropped 32 percent from 1974 to 1982, according to the U.S. Census of Agriculture. During this same time period the average cost of irrigation energy from electricity tripled while the cost of energy from natural gas increased five-fold. Corn planted for all purposes in 1984 totaled 32,000 acres. Corn was harvested for grain on 26,000 acres with an average yield of 7,840 pounds per acre.

SORGHUM: Sorghum growers planted 18,000 acres in 1984, less than 10 percent of the record high 254,000 acres planted in 1967. Acreage reductions were rapid, dropping from the 1967 high to 108,000 acres for 1975 and declining further to 30,000 acres for 1978. Maricopa County was the leader in 1967 with 67,100 acres planted and remained the leader in 1984 with 5,300 acres planted. Practically all the sorghum grain produced is utilized as livestock feed in the State. The 16,000 acres harvested for grain in 1984 produced 38,080 tons, an average of 4,760 pounds per acre.

UPLAND COTTON: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Planted | Harvested | Yield per harvested acre | Production | County and year | Planted | Harvested | Yield per harvested acre | Production |
|---|---|---|---|---|---|---|---|---|---|
| | Acres | | Lbs. | Bales | | Acres | | Lbs. | Bales |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 0 | | | | 1980 | 27,300 | 26,800 | 627 | 35,000 |
| 1981 | 0 | | | | 1981 | 35,700 | 35,200 | 682 | 50,000 |
| 1982 | 0 | | | | 1982 | 28,600 | 28,100 | 530 | 31,000 |
| 1983 | 0 | | | | 1983 | 16,900 | 16,400 | 720 | 24,600 |
| 1984 | 0 | | | | 1984 | 16,700 | 16,600 | 671 | 23,200 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 11,800 | 11,700 | 1,050 | 25,600 | 1980 | 750 | 750 | 704 | 1,100 |
| 1981 | 16,600 | 16,500 | 954 | 32,800 | 1981 | 900 | 900 | 907 | 1,700 |
| 1982 | 12,100 | 12,000 | 856 | 21,400 | 1982 | 1,100 | 1,100 | 698 | 1,600 |
| 1983 | 8,800 | 7,850 | 783 | 12,800 | 1983 | 660 | 660 | 989 | 1,360 |
| 1984 | 12,000 | 12,000 | 828 | 20,700 | 1984 | 1,020 | 1,020 | 871 | 1,850 |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 228,000 | 227,800 | 1,275 | 605,200 |
| | | | | | 1981 | 239,600 | 239,400 | 1,390 | 693,500 |
| | | | | | 1982 | 186,200 | 186,000 | 1,214 | 470,600 |
| 1983 | 20,900 | 20,800 | 1,191 | 51,600 | 1983 | 115,200 | 114,300 | 1,340 | 319,000 |
| 1984 | 34,300 | 34,300 | 1,122 | 80,200 | 1984 | 186,000 | 185,300 | 1,300 | 502,000 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 5,950 | 5,950 | 904 | 11,200 | 1980 | 0 | | | |
| 1981 | 6,500 | 6,500 | 849 | 11,500 | 1981 | 0 | | | |
| 1982 | 5,500 | 5,500 | 969 | 11,100 | 1982 | 0 | | | |
| 1983 | 3,540 | 3,540 | 968 | 7,140 | 1983 | 0 | | | |
| 1984 | 5,680 | 5,680 | 883 | 10,450 | 1984 | 0 | | | |
| PIMA | | | | | PINAL | | | | |
| 1980 | 17,900 | 17,900 | 847 | 31,600 | 1980 | 150,200 | 150,100 | 1,186 | 370,900 |
| 1981 | 19,800 | 19,800 | 812 | 33,500 | 1981 | 153,700 | 153,600 | 1,372 | 439,000 |
| 1982 | 15,700 | 15,700 | 911 | 29,800 | 1982 | 134,300 | 134,200 | 1,112 | 311,000 |
| 1983 | 10,100 | 8,250 | 931 | 16,000 | 1983 | 79,000 | 76,400 | 1,246 | 198,400 |
| 1984 | 15,500 | 15,300 | 1,089 | 34,700 | 1984 | 120,200 | 120,200 | 1,306 | 327,000 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 108,100 | 108,000 | 1,215 | 273,400 | 1980 | 550,000 | 549,000 | 1,184 | 1,354,000 |
| 1981 | 127,200 | 127,100 | 1,110 | 294,000 | 1981 | 600,000 | 599,000 | 1,247 | 1,556,000 |
| 1982 | 87,500 | 87,400 | 1,200 | 218,500 | 1982 | 471,000 | 470,000 | 1,118 | 1,095,000 |
| 1983 | 35,900 | 35,800 | 1,262 | 94,100 | 1983 | 291,000 | 284,000 | 1,225 | 725,000 |
| 1984 | 38,600 | 38,600 | 1,205 | 96,900 | 1984 | 430,000 | 429,000 | 1,227 | 1,097,000 |

---

1/ Production estimates are for 480 pound net weight bales.

2/ La Paz County created from Yuma County in 1983.

UPLAND COTTON: Acreage, yield, production, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Lint | | |
|---|---|---|---|---|---|---|
| | | | | Production | Price per lb. 2/ | Value of production |
| | 1,000 acres | | Lbs. | 1,000 bales | Cents | 1,000 Dol. |
| 1980 | 550.0 | 549.0 | 1,184 | 1,354.0 | 74.2 | 482,241 |
| 1981 | 600.0 | 599.0 | 1,247 | 1,556.0 | 56.0 | 418,253 |
| 1982 | 471.0 | 470.0 | 1,118 | 1,095.0 | 60.5 | 317,988 |
| 1983 | 291.0 | 284.0 | 1,225 | 725.0 | 68.2 | 237,336 |
| 1984 | 430.0 | 429.0 | 1,227 | 1,097.0 | 58.9 | 310,144 |

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the August through July marketing season.

UPLAND COTTON: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Percent | | | | | | | | | | | |
| 1979/80 | 0 | 1 | 13 | 23 | 22 | 19 | 5 | 2 | 2 | 2 | 3 | 2 |
| 1980/81 | 0 | 1 | 13 | 18 | 10 | 14 | 11 | 3 | 5 | 5 | 4 | 5 |
| 1981/82 | 2 | 1 | 9 | 17 | 18 | 20 | 12 | 8 | 9 | 1 | 2 | 1 |
| 1982/83 | 1 | 4 | 10 | 20 | 15 | 15 | 16 | 4 | 3 | 2 | 4 | 6 |
| 1983/84 | 4 | 1 | 14 | 30 | 17 | 9 | 8 | 5 | 7 | 2 | 2 | 1 |

UPLAND COTTON: Monthly and season average prices received by growers, Arizona, 1979/80-1984/85

| Crop year | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cents per pound | | | | | | | | | | | | |
| 1980/81 | 81.0 | 91.9 | 73.2 | 74.9 | 80.4 | 79.0 | 78.5 | 76.2 | 69.2 | 71.8 | 70.8 | 70.2 | 74.2 |
| 1981/82 | 62.9 | 59.4 | 63.9 | 64.3 | 54.6 | 53.2 | 49.9 | 53.6 | 56.1 | 60.3 | 59.9 | 63.8 | 56.0 |
| 1982/83 | 58.3 | 56.0 | 61.0 | 61.7 | 59.5 | 59.3 | 58.0 | 53.0 | 59.5 | 65.4 | 72.1 | 72.8 | 60.5 |
| 1983/84 | 78.6 | 67.1 | 62.1 | 69.3 | 72.1 | 66.4 | 65.6 | 69.3 | 67.4 | 68.0 | 64.6 | 58.6 | 68.2 |
| 1984/85 | -- | 54.0 | 62.1 | 61.3 | 59.3 | 57.3 | 47.5 | 46.7 | | | | | 58.9 |

AMERICAN PIMA COTTON: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Planted | Harvested | Yield per harvested acre | Production | County and year | Planted | Harvested | Yield per harvested acre | Production |
|---|---|---|---|---|---|---|---|---|---|
| | Acres | | Lbs. | Bales | | Acres | | Lbs. | Bales |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 0 | | | | 1980 | 5,150 | 5,050 | 542 | 5,700 |
| 1981 | 0 | | | | 1981 | 1,000 | 900 | 480 | 900 |
| 1982 | 0 | | | | 1982 | 750 | 700 | 309 | 450 |
| 1983 | 0 | | | | 1983 | 860 | 860 | 603 | 1,080 |
| 1984 | 0 | | | | 1984 | 1,190 | 1,190 | 714 | 1,770 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 7,300 | 7,250 | 761 | 11,500 | 1980 | 0 | | | |
| 1981 | 6,550 | 6,550 | 685 | 9,350 | 1981 | 0 | | | |
| 1982 | 11,400 | 11,400 | 665 | 15,800 | 1982 | 0 | | | |
| 1983 | 7,900 | 7,900 | 656 | 10,800 | 1983 | 0 | | | |
| 1984 | 9,400 | 9,400 | 746 | 14,600 | 1984 | 0 | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 11,500 | 11,500 | 902 | 21,600 |
| | | | | | 1981 | 11,650 | 11,600 | 852 | 20,600 |
| | | | | | 1982 | 10,100 | 10,050 | 860 | 18,000 |
| 1983 | 3,840 | 3,830 | 952 | 7,600 | 1983 | 6,850 | 6,850 | 876 | 12,500 |
| 1984 | 7,650 | 7,650 | 759 | 12,100 | 1984 | 13,900 | 13,800 | 810 | 23,300 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| PIMA | | | | | PINAL | | | | |
| 1980 | 2,350 | 2,350 | 715 | 3,500 | 1980 | 9,350 | 9,300 | 929 | 18,000 |
| 1981 | 2,150 | 2,150 | 424 | 1,900 | 1981 | 6,150 | 6,150 | 874 | 11,200 |
| 1982 | 2,800 | 2,700 | 578 | 3,250 | 1982 | 9,300 | 9,300 | 852 | 16,500 |
| 1983 | 1,540 | 1,450 | 543 | 1,640 | 1983 | 8,400 | 8,300 | 758 | 13,100 |
| 1984 | 1,230 | 1,180 | 683 | 1,680 | 1984 | 17,000 | 16,950 | 976 | 34,450 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 6,650 | 6,650 | 866 | 12,000 | 1980 | 42,300 | 42,100 | 824 | 72,300 |
| 1981 | 6,300 | 6,250 | 749 | 9,750 | 1981 | 33,800 | 33,600 | 767 | 53,700 |
| 1982 | 7,450 | 7,450 | 767 | 11,900 | 1982 | 41,800 | 41,600 | 760 | 65,900 |
| 1983 | 110 | 110 | 785 | 180 | 1983 | 29,500 | 29,300 | 768 | 46,900 |
| 1984 | 130 | 130 | 738 | 200 | 1984 | 50,500 | 50,300 | 841 | 88,100 |

---

1/ Production estimates are for 480 pound net weight bales.

2/ La Paz County created from Yuma County in 1983.

AMERICAN PIMA COTTON: Acreage, yield, production, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Lint Production | Lint Price per lb. 2/ | Lint Value of production |
|---|---|---|---|---|---|---|
| | 1,000 acres | 1,000 acres | Lbs. | 1,000 bales | Cents | 1,000 dol. |
| 1980 | 42.3 | 42.1 | 824 | 72.3 | 108.0 | 37,480 |
| 1981 | 33.8 | 33.6 | 767 | 53.7 | 94.0 | 24,229 |
| 1982 | 41.8 | 41.6 | 760 | 65.9 | 96.8 | 30,620 |
| 1983 | 29.5 | 29.3 | 768 | 46.9 | 101.0 | 22,737 |
| 1984 | 50.5 | 50.3 | 841 | 88.1 | 91.0 | 38,482 |

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the August through July marketing season.

AMERICAN PIMA COTTON: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Percent | | | | | | | | | | | |
| 1979/80 | 0 | 0 | 0 | 2 | 50 | 42 | 4 | 2 | 0 | 0 | 0 | 0 |
| 1980/81 | 0 | 0 | 1 | 13 | 20 | 42 | 19 | 3 | 1 | 1 | 0 | 0 |
| 1981/82 | 0 | 2 | 0 | 3 | 24 | 22 | 40 | 4 | 1 | 4 | 0 | 0 |
| 1982/83 | 0 | 0 | 5 | 13 | 33 | 29 | 16 | 2 | 2 | 0 | 0 | 0 |
| 1983/84 | 0 | 0 | 10 | 6 | 28 | 25 | 22 | 7 | 1 | 1 | 0 | 0 |

AMERICAN PIMA COTTON: Monthly and season average prices received by growers, Arizona, 1980/81-1984/85

| Crop year | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cents per pound | | | | | | | | | | | | |
| 1980/81 | -- | -- | 115.0 | 110.1 | 112.7 | 108.8 | 102.1 | 102.6 | 82.6 | 106.9 | -- | -- | 108.0 |
| 1981/82 | -- | 107.5 | 102.9 | 103.8 | 102.6 | 96.2 | 87.1 | 72.8 | 82.5 | 114.7 | -- | -- | 94.0 |
| 1982/83 | -- | -- | 103.8 | 103.5 | 103.2 | 97.3 | 95.9 | 90.6 | 80.7 | -- | -- | -- | 96.8 |
| 1983/84 | -- | -- | 111.5 | 106.4 | 113.1 | 104.3 | 88.7 | 83.1 | 62.4 | 100.0 | -- | -- | 101.0 |
| 1984/85 | -- | -- | 101.7 | 102.6 | 103.1 | 96.0 | 69.5 | 55.7 | 84.0 | | | | 91.0 |

ALL COTTON: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Planted | Harvested | Yield per harvested acre | Production | County and year | Planted | Harvested | Yield per harvested acre | Production |
|---|---|---|---|---|---|---|---|---|---|
| | Acres | | Lbs. | Bales | | Acres | | Lbs. | Bales |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 0 | | | | 1980 | 32,450 | 31,850 | 613 | 40,700 |
| 1981 | 0 | | | | 1981 | 36,700 | 36,100 | 677 | 50,900 |
| 1982 | 0 | | | | 1982 | 29,350 | 28,800 | 524 | 31,450 |
| 1983 | 0 | | | | 1983 | 17,760 | 17,260 | 714 | 25,680 |
| 1984 | 0 | | | | 1984 | 17,890 | 17,790 | 674 | 24,970 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 19,100 | 18,950 | 940 | 37,100 | 1980 | 750 | 750 | 704 | 1,100 |
| 1981 | 23,150 | 23,050 | 878 | 42,150 | 1981 | 900 | 900 | 907 | 1,700 |
| 1982 | 23,500 | 23,400 | 763 | 37,200 | 1982 | 1,100 | 1,100 | 698 | 1,600 |
| 1983 | 16,700 | 15,750 | 719 | 23,600 | 1983 | 660 | 660 | 989 | 1,360 |
| 1984 | 21,400 | 21,400 | 792 | 35,300 | 1984 | 1,020 | 1,020 | 871 | 1,850 |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 239,500 | 239,300 | 1,257 | 626,800 |
| | | | | | 1981 | 251,250 | 251,000 | 1,366 | 714,100 |
| | | | | | 1982 | 196,300 | 196,050 | 1,200 | 488,600 |
| 1983 | 24,740 | 24,630 | 1,154 | 59,200 | 1983 | 122,050 | 121,150 | 1,313 | 331,500 |
| 1984 | 41,950 | 41,950 | 1,056 | 92,300 | 1984 | 199,900 | 199,100 | 1,266 | 525,300 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 5,950 | 5,950 | 904 | 11,200 | 1980 | 0 | | | |
| 1981 | 6,500 | 6,500 | 849 | 11,500 | 1981 | 0 | | | |
| 1982 | 5,500 | 5,500 | 969 | 11,100 | 1982 | 0 | | | |
| 1983 | 3,540 | 3,540 | 968 | 7,140 | 1983 | 0 | | | |
| 1984 | 5,680 | 5,680 | 883 | 10,450 | 1984 | 0 | | | |
| PIMA | | | | | PINAL | | | | |
| 1980 | 20,250 | 20,250 | 832 | 35,100 | 1980 | 159,550 | 159,400 | 1,171 | 388,900 |
| 1981 | 21,950 | 21,950 | 774 | 35,400 | 1981 | 159,850 | 159,750 | 1,353 | 450,200 |
| 1982 | 18,500 | 18,400 | 862 | 33,050 | 1982 | 143,600 | 143,500 | 1,095 | 327,500 |
| 1983 | 11,640 | 9,700 | 873 | 17,640 | 1983 | 87,400 | 84,700 | 1,199 | 211,500 |
| 1984 | 16,730 | 16,480 | 1,060 | 36,380 | 1984 | 137,200 | 137,150 | 1,265 | 361,450 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 114,750 | 114,650 | 1,195 | 285,400 | 1980 | 592,300 | 591,100 | 1,158 | 1,426,300 |
| 1981 | 133,500 | 133,350 | 1,093 | 303,750 | 1981 | 633,800 | 632,600 | 1,221 | 1,609,700 |
| 1982 | 94,950 | 94,850 | 1,166 | 230,400 | 1982 | 512,800 | 511,600 | 1,089 | 1,160,900 |
| 1983 | 36,010 | 35,910 | 1,260 | 94,280 | 1983 | 320,500 | 313,300 | 1,183 | 771,900 |
| 1984 | 38,730 | 38,730 | 1,203 | 97,100 | 1984 | 480,500 | 479,300 | 1,187 | 1,185,100 |

---

1/ Production estimates are for 480 pound net weight bales.
2/ La Paz County created from Yuma County in 1983.

ALL COTTON: Acreage, yield, production, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Production | Value of production |
|---|---|---|---|---|---|
| | 1,000 acres | | Lbs. | 1,000 bales | 1,000 Dol. |
| 1980 | 592.3 | 591.1 | 1,158 | 1,426.3 | 519,721 |
| 1981 | 633.8 | 632.6 | 1,221 | 1,609.7 | 442,482 |
| 1982 | 512.8 | 511.6 | 1,089 | 1,160.9 | 348,608 |
| 1983 | 320.5 | 313.3 | 1,183 | 771.9 | 260,073 |
| 1984 | 480.5 | 479.3 | 1,187 | 1,185.1 | 348,626 |

1/ Production estimates are for 480 pound net weight bales.

ALL COTTON: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Percent | | | | | | |
| 1979/80 | 0 | 1.0 | 13.0 | 23.0 | 22.0 | 19.0 | 5.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 |
| 1980/81 | 0 | 1.0 | 13.0 | 18.0 | 10.0 | 14.0 | 11.0 | 3.0 | 5.0 | 5.0 | 4.0 | 5.0 |
| 1981/82 | 1.8 | 1.4 | 9.1 | 17.3 | 18.5 | 19.5 | 11.5 | 7.5 | 9.0 | 1.5 | 1.8 | 1.1 |
| 1982/83 | .8 | 3.8 | 9.6 | 20.0 | 15.9 | 16.3 | 16.3 | 4.6 | 2.5 | 1.9 | 3.5 | 4.8 |
| 1983/84 | 3.3 | 1.2 | 26.8 | 25.2 | 14.2 | 7.3 | 6.1 | 4.3 | 6.8 | 2.1 | 2.1 | .6 |

COTTONSEED: Production, disposition, price, and value, Arizona 1980-84

| Year | Production | Farm disposition | | Used for planting 1/ | Season average price 2/ | Value of production | Value of sales to oil mills |
|---|---|---|---|---|---|---|---|
| | | Sales to oil mills | Other uses | | | | |
| | | 1,000 tons | | | Dollars | 1,000 dollars | |
| 1980 | 583.0 | 449.0 | 134.0 | 5.1 | 122.00 | 71,126 | 54,329 |
| 1981 | 631.0 | 490.0 | 141.0 | 4.3 | 83.00 | 52,373 | 40,670 |
| 1982 | 495.0 | 262.0 | 233.0 | 2.9 | 80.00 | 39,600 | 20,960 |
| 1983 | 302.4 | 201.3 | 101.1 | 4.8 | 171.00 | 51,710 | 34,422 |
| 1984 | 464.5 | 311.1 | 153.4 | 4.8 | 101.00 | 46,915 | 31,421 |

1/ Included in other uses.

2/ Average price for the August through July marketing season.

DURUM WHEAT: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN | | | County and year | Planted for all purposes | FOR GRAIN | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Har-vested | Yield per acre | Pro-duction | | | Har-vested | Yield per acre | Pro-duction |
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 0 | | | | 1980 | 1,500 | 1,400 | 4,500 | 3,150 |
| 1981 | 0 | | | | 1981 | 1,000 | 1,000 | 5,520 | 2,760 |
| 1982 | 0 | | | | 1982 | 0 | | | |
| 1983 | 0 | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | * | | | |
| COCONINO | | | | | GILA | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 300 | 300 | 3,960 | 590 |
| 1982 | 0 | | | | 1982 | * | | | |
| 1983 | 0 | | | | 1983 | * | | | |
| 1984 | 0 | | | | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 1,500 | 1,400 | 4,320 | 3,020 | 1980 | 0 | | | |
| 1981 | 1,500 | 1,400 | 5,230 | 3,660 | 1981 | 200 | 200 | 5,160 | 520 |
| 1982 | 500 | 400 | 6,470 | 1,290 | 1982 | 200 | 200 | 6,000 | 600 |
| 1983 | 400 | 400 | 6,540 | 1,310 | 1983 | 200 | 200 | 6,000 | 600 |
| 1984 | 500 | 500 | 5,700 | 1,420 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 87,500 | 84,500 | 4,880 | 206,450 |
| | | | | | 1981 | 117,000 | 116,600 | 5,380 | 313,380 |
| | | | | | 1982 | 28,600 | 28,300 | 5,690 | 80,530 |
| 1983 | 2,000 | 1,900 | 5,700 | 5,410 | 1983 | 24,100 | 18,200 | 5,790 | 52,690 |
| 1984 | 2,800 | 2,800 | 5,820 | 8,150 | 1984 | 31,300 | 30,800 | 6,060 | 93,320 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 1,000 | 1,000 | 3,600 | 1,800 | 1980 | 0 | | | |
| 1981 | 5,000 | 5,000 | 4,800 | 12,000 | 1981 | 0 | | | |
| 1982 | 3,500 | 3,500 | 5,180 | 9,070 | 1982 | 0 | | | |
| 1983 | 3,000 | 3,000 | 5,280 | 7,920 | 1983 | 0 | | | |
| 1984 | * | | | | 1984 | 0 | | | |
| PIMA | | | | | PINAL | | | | |
| 1980 | 3,500 | 3,400 | 4,260 | 7,240 | 1980 | 50,000 | 48,500 | 4,600 | 111,570 |
| 1981 | 5,000 | 5,000 | 4,850 | 12,120 | 1981 | 71,000 | 70,700 | 4,670 | 165,000 |
| 1982 | 4,700 | 4,700 | 5,040 | 11,840 | 1982 | 35,300 | 34,800 | 5,040 | 87,700 |
| 1983 | 4,000 | 3,800 | 5,130 | 9,750 | 1983 | 26,100 | 22,400 | 5,040 | 56,450 |
| 1984 | 5,000 | 4,900 | 4,560 | 11,170 | 1984 | 30,500 | 29,300 | 4,710 | 69,030 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 0 | | | | 1981 | 0 | | | |
| 1982 | * | | | | 1982 | 0 | | | |
| 1983 | * | | | | 1983 | 0 | | | |
| 1984 | 0 | | | | 1984 | 0 | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 15,000 | 14,800 | 5,240 | 38,770 | 1980 | 160,000 | 155,000 | 4,800 | 372,000 |
| 1981 | 15,000 | 14,800 | 5,170 | 38,220 | 1981 | 216,000 | 215,000 | 5,100 | 548,250 |
| 1982 | 7,000 | 6,900 | 5,620 | 19,400 | 1982 | 80,000 | 79,000 | 5,340 | 210,930 |
| 1983 | 5,000 | 4,900 | 5,660 | 13,860 | 1983 | 65,000 | 55,000 | 5,400 | 148,500 |
| 1984 | 7,600 | 7,400 | 5,940 | 21,[illegible]80 | 1984 | 82,000 | 80,000 | 5,400 | 216,000 |

---

1/ Converted from 60 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DURUM WHEAT: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN Harvested | Yield per acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | 1,000 acres | 1,000 acres | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 160 | 155 | 4,800 | 372,000 | 139.00 | 51,708 |
| 1981 | 216 | 215 | 5,100 | 548,250 | 158.70 | 86,989 |
| 1982 | 80 | 79 | 5,340 | 210,930 | 118.00 | 24,890 |
| 1983 | 65 | 55 | 5,400 | 148,500 | 135.70 | 20,147 |
| 1984 | 82 | 80 | 5,400 | 216,000 | 141.70 | 30,600 |

---

1/ Average price for the May through April marketing season.
2/ Converted from 60 pound bushels and rounded.

DURUM WHEAT: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Percent | | | | | |
| 1979/80 | 3 | 62 | 10 | 7 | 6 | 6 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1980/81 | 14 | 60 | 8 | 7 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1981/82 | 20 | 65 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| 1982/83 | 13 | 60 | 12 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 1 | 1 |
| 1983/84 | 20 | 35 | 25 | 5 | 5 | 3 | 1 | 2 | 1 | 1 | 1 | 1 |

DURUM WHEAT: Monthly and season average prices received by growers, Arizona, 1980/81-1984/85

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 133.00 | 139.70 | 131.00 | 137.00 | 164.30 | -- | -- | -- | 180.00 | 180.00 | 170.00 | 148.00 | 139.00 |
| 1981/82 | 167.00 | 159.70 | 155.00 | 139.00 | 136.70 | 123.00 | 120.00 | 120.70 | 127.70 | 129.70 | 135.30 | 115.30 | 158.70 |
| 1982/83 | 116.30 | 118.00 | 108.70 | 117.30 | -- | 133.00 | 118.00 | 131.30 | 119.70 | 120.00 | -- | 121.30 | 118.00 |
| 1983/84 | 139.70 | 131.00 | 135.00 | 138.30 | 133.00 | 140.00 | 135.00 | 135.00 | 130.00 | 130.30 | -- | 153.70 | 135.70 |
| 1984/85 | 152.30 | 136.00 | 135.30 | -- | -- | 147.70 | 144.30 | 129.70 | 145.00 | -- | 120.00 | | 141.70 |

OTHER WHEAT: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN Harvested | FOR GRAIN Yield per acre | FOR GRAIN Production | County and year | Planted for all purposes | FOR GRAIN Harvested | FOR GRAIN Yield per acre | FOR GRAIN Production |
|---|---|---|---|---|---|---|---|---|---|
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 300 | 0 | | | 1980 | 2,000 | 1,800 | 4,710 | 4,240 |
| 1981 | 200 | 0 | | | 1981 | 1,800 | 1,800 | 4,920 | 4,430 |
| 1982 | 200 | 200 | 2,130 | 210 | 1982 | 1,500 | 1,500 | 4,650 | 3,490 |
| 1983 | 200 | 200 | 2,550 | 260 | 1983 | 1,500 | 1,400 | 5,520 | 3,860 |
| 1984 | * | | | | 1984 | * | | | |
| COCONINO | | | | | GILA | | | | |
| 1980 | 1,700 | 1,500 | 3,720 | 2,790 | 1980 | 0 | | | |
| 1981 | 1,000 | 800 | 3,900 | 1,560 | 1981 | 0 | | | |
| 1982 | 500 | 400 | 3,000 | 600 | 1982 | * | | | |
| 1983 | 500 | 400 | 3,900 | 780 | 1983 | * | | | |
| 1984 | * | | | | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 5,000 | 4,600 | 4,500 | 10,350 | 1980 | 1,000 | 1,000 | 4,320 | 2,160 |
| 1981 | 3,000 | 2,800 | 5,400 | 7,560 | 1981 | 800 | 800 | 4,860 | 1,940 |
| 1982 | 3,800 | 3,700 | 5,600 | 10,360 | 1982 | 700 | 700 | 4,760 | 1,670 |
| 1983 | 4,800 | 4,500 | 5,850 | 13,160 | 1983 | 800 | 800 | 5,160 | 2,060 |
| 1984 | 4,400 | 4,300 | 5,640 | 12,130 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 9,000 | 8,000 | 4,860 | 19,440 |
| | | | | | 1981 | 5,000 | 4,700 | 5,700 | 13,400 |
| | | | | | 1982 | 19,100 | 18,600 | 5,320 | 49,420 |
| 1983 | 8,500 | 7,900 | 6,090 | 24,060 | 1983 | 23,400 | 20,700 | 5,850 | 60,550 |
| 1984 | 7,600 | 7,600 | 5,730 | 21,770 | 1984 | 18,900 | 18,500 | 5,220 | 48,290 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 4,000 | 3,700 | 3,900 | 7,210 | 1980 | 1,000 | 800 | 3,120 | 1,250 |
| 1981 | 500 | 500 | 4,200 | 1,050 | 1981 | 900 | 700 | 2,280 | 800 |
| 1982 | 0 | | | | 1982 | 1,000 | 1,000 | 2,130 | 1,070 |
| 1983 | 0 | | | | 1983 | 1,100 | 1,000 | 2,760 | 1,380 |
| 1984 | * | | | | 1984 | 900 | 900 | 2,580 | 1,160 |
| PIMA | | | | | PINAL | | | | |
| 1980 | 500 | 300 | 4,320 | 650 | 1980 | 16,000 | 15,000 | 4,560 | 34,200 |
| 1981 | 700 | 600 | 4,560 | 1,370 | 1981 | 8,000 | 7,500 | 5,220 | 19,570 |
| 1982 | 900 | 800 | 4,190 | 1,670 | 1982 | 4,500 | 4,500 | 4,520 | 10,160 |
| 1983 | 1,000 | 900 | 5,280 | 2,370 | 1983 | 4,800 | 4,200 | 5,250 | 11,020 |
| 1984 | 900 | 900 | 5,160 | 2,320 | 1984 | 4,300 | 4,100 | 5,250 | 10,770 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 500 | 400 | 3,900 | 780 | 1980 | 1,000 | 900 | 2,400 | 1,080 |
| 1981 | 300 | 300 | 4,080 | 610 | 1981 | 800 | 600 | 2,400 | 720 |
| 1982 | * | | | | 1982 | 1,100 | 1,000 | 2,350 | 1,180 |
| 1983 | * | | | | 1983 | 1,200 | 1,100 | 2,700 | 1,490 |
| 1984 | * | | | | 1984 | 1,000 | 900 | 2,700 | 1,210 |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 23,000 | 22,000 | 5,440 | 59,850 | 1980 | 65,000 | 60,000 | 4,800 | 144,000 |
| 1981 | 22,000 | 21,900 | 4,940 | 54,060 | 1981 | 45,000 | 43,000 | 4,980 | 107,070 |
| 1982 | 31,500 | 31,400 | 5,170 | 81,140 | 1982 | 65,000 | 64,000 | 5,040 | 161,280 |
| 1983 | 22,000 | 20,700 | 6,080 | 62,990 | 1983 | 70,000 | 64,000 | 5,760 | 184,320 |
| 1984 | 22,000 | 21,800 | 5,790 | 63,120 | 1984 | 63,000 | 62,000 | 5,400 | 167,400 |

---

1/ Converted from 60 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER WHEAT: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN | | | | |
|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | Season average price 1/ | Value of production |
| | 1,000 acres | | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 65 | 60 | 4,800 | 144,000 | 126.00 | 18,144 |
| 1981 | 45 | 43 | 4,980 | 107,070 | 128.70 | 13,776 |
| 1982 | 65 | 64 | 5,040 | 161,280 | 122.70 | 19,784 |
| 1983 | 70 | 64 | 5,760 | 184,320 | 132.00 | 24,330 |
| 1984 | 63 | 62 | 5,400 | 167,400 | 131.70 | 22,041 |

1/ Average price for the May through April marketing season.
2/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Percent | | | | | |
| 1979/80 | 38 | 45 | 9 | 2 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 1 |
| 1980/81 | 14 | 26 | 20 | 5 | 20 | 3 | 1 | 0 | 1 | 2 | 3 | 5 |
| 1981/82 | 35 | 25 | 16 | 4 | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 11 |
| 1982/83 | 30 | 25 | 5 | 2 | 1 | 1 | 3 | 4 | 4 | 3 | 10 | 12 |
| 1983/84 | 18 | 40 | 24 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 |

OTHER WHEAT: Monthly and season average prices received by growers, Arizona, 1980/81-1984/85

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 120.30 | 120.70 | 111.30 | 131.30 | 140.00 | 142.00 | 146.30 | 134.30 | 143.70 | 148.30 | 143.00 | 140.30 | 126.00 |
| 1981/82 | 131.00 | 122.70 | 127.00 | 133.30 | 138.30 | 132.00 | 140.70 | 140.70 | 139.30 | 142.70 | 104.30 | 127.30 | 128.70 |
| 1982/83 | 116.30 | 118.70 | 114.30 | 122.00 | 136.70 | 119.70 | 132.70 | 130.30 | 128.70 | 135.70 | 125.00 | 131.00 | 122.70 |
| 1983/84 | 129.00 | 134.00 | 135.00 | 127.00 | 133.00 | 138.00 | 130.30 | 126.70 | 131.00 | 125.00 | 131.00 | 135.30 | 132.00 |
| 1984/85 | 132.70 | 131.70 | 125.30 | 127.00 | 123.70 | 133.30 | 130.00 | -- | 142.70 | 126.70 | -- | | 131.70 |

ALL WHEAT: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN | | | County and year | Planted for all purposes | FOR GRAIN | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | | | Harvested | Yield per acre | Production |
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 300 | 0 | | | 1980 | 3,500 | 3,200 | 4,620 | 7,390 |
| 1981 | 200 | 0 | | | 1981 | 2,900 | 2,800 | 5,140 | 7,190 |
| 1982 | 200 | 200 | 2,130 | 210 | 1982 | 1,500 | 1,500 | 4,650 | 3,490 |
| 1983 | 200 | 200 | 2,550 | 260 | 1983 | 1,500 | 1,400 | 5,520 | 3,860 |
| 1984 | * | | | | 1984 | * | | | |
| COCONINO | | | | | GILA | | | | |
| 1980 | 1,700 | 1,500 | 3,720 | 2,790 | 1980 | 0 | | | |
| 1981 | 1,000 | 800 | 3,900 | 1,560 | 1981 | 300 | 300 | 3,960 | 590 |
| 1982 | 500 | 400 | 3,000 | 600 | 1982 | * | | | |
| 1983 | 500 | 400 | 3,900 | 780 | 1983 | * | | | |
| 1984 | * | | | | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 6,500 | 6,000 | 4,460 | 13,370 | 1980 | 1,000 | 1,000 | 4,320 | 2,160 |
| 1981 | 4,500 | 4,200 | 5,340 | 11,220 | 1981 | 1,000 | 1,000 | 4,920 | 2,460 |
| 1982 | 4,300 | 4,100 | 5,690 | 11,650 | 1982 | 900 | 900 | 5,040 | 2,270 |
| 1983 | 5,200 | 4,900 | 5,900 | 14,470 | 1983 | 1,000 | 1,000 | 5,330 | 2,660 |
| 1984 | 4,900 | 4,800 | 5,650 | 13,550 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 96,500 | 92,500 | 4,880 | 225,890 |
| | | | | | 1981 | 122,000 | 121,300 | 5,390 | 326,780 |
| | | | | | 1982 | 47,700 | 46,900 | 5,540 | 129,950 |
| 1983 | 10,500 | 9,800 | 6,010 | 29,470 | 1983 | 47,500 | 38,900 | 5,820 | 113,240 |
| 1984 | 10,400 | 10,400 | 5,750 | 29,920 | 1984 | 50,200 | 49,300 | 5,740 | 141,610 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 5,000 | 4,700 | 3,830 | 9,010 | 1980 | 1,000 | 800 | 3,120 | 1,250 |
| 1981 | 5,500 | 5,500 | 4,750 | 13,050 | 1981 | 900 | 700 | 2,280 | 800 |
| 1982 | 3,500 | 3,500 | 5,180 | 9,070 | 1982 | 1,000 | 1,000 | 2,130 | 1,070 |
| 1983 | 3,000 | 3,000 | 5,280 | 7,920 | 1983 | 1,100 | 1,000 | 2,760 | 1,380 |
| 1984 | * | | | | 1984 | 900 | 900 | 2,580 | 1,160 |
| PIMA | | | | | PINAL | | | | |
| 1980 | 4,000 | 3,700 | 4,270 | 7,890 | 1980 | 66,000 | 63,500 | 4,590 | 145,770 |
| 1981 | 5,700 | 5,600 | 4,820 | 13,490 | 1981 | 79,000 | 78,200 | 4,720 | 184,570 |
| 1982 | 5,600 | 5,500 | 4,910 | 13,510 | 1982 | 39,800 | 39,300 | 4,980 | 97,860 |
| 1983 | 5,000 | 4,700 | 5,160 | 12,120 | 1983 | 30,900 | 26,600 | 5,080 | 67,470 |
| 1984 | 5,900 | 5,800 | 4,660 | 13,490 | 1984 | 34,800 | 33,400 | 4,780 | 79,800 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 500 | 400 | 3,900 | 780 | 1980 | 1,000 | 900 | 2,400 | 1,080 |
| 1981 | 300 | 300 | 4,080 | 610 | 1981 | 800 | 600 | 2,400 | 720 |
| 1982 | * | | | | 1982 | 1,100 | 1,000 | 2,350 | 1,180 |
| 1983 | * | | | | 1983 | 1,200 | 1,100 | 2,700 | 1,490 |
| 1984 | * | | | | 1984 | 1,000 | 900 | 2,700 | 1,210 |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 38,000 | 36,800 | 5,360 | 98,620 | 1980 | 225,000 | 215,000 | 4,800 | 516,000 |
| 1981 | 37,000 | 36,700 | 5,030 | 92,280 | 1981 | 261,000 | 258,000 | 5,080 | 655,320 |
| 1982 | 38,500 | 38,300 | 5,250 | 100,540 | 1982 | 145,000 | 143,000 | 5,210 | 372,210 |
| 1983 | 27,000 | 25,600 | 6,010 | 76,850 | 1983 | 135,000 | 119,000 | 5,590 | 332,820 |
| 1984 | 29,600 | 29,200 | 5,830 | 85,100 | 1984 | 145,000 | 142,000 | 5,400 | 383,400 |

---

1/ Converted from 60 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL WHEAT: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN Harvested | Yield per acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | 1,000 acres | | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 225 | 215 | 4,800 | 516,000 | 135.30 | 69,852 |
| 1981 | 261 | 258 | 5,080 | 655,320 | 153.70 | 100,765 |
| 1982 | 145 | 143 | 5,210 | 372,210 | 120.00 | 44,674 |
| 1983 | 135 | 119 | 5,590 | 332,820 | 133.70 | 44,477 |
| 1984 | 145 | 142 | 5,400 | 383,400 | 137.30 | 52,641 |

1/ Average price for the May through April marketing season.
2/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Percent | | | | | | |
| 1979/80 | 24 | 50 | 9 | 4 | 4 | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1980/81 | 14 | 53 | 11 | 7 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1981/82 | 20 | 60 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 3 |
| 1982/83 | 20 | 43 | 7 | 2 | 2 | 3 | 2 | 3 | 5 | 2 | 5 | 6 |
| 1983/84 | 19 | 37 | 24 | 4 | 4 | 3 | 2 | 2 | 2 | 1 | 1 | 1 |

ALL WHEAT: Monthly and season average prices received by growers, Arizona 1980/81-1984/85

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 129.70 | 137.70 | 122.70 | 131.30 | 140.70 | 142.00 | 146.30 | 134.30 | 151.30 | 165.30 | 145.00 | 141.30 | 135.30 |
| 1981/82 | 160.00 | 157.70 | 148.00 | 135.00 | 138.00 | 123.00 | 122.70 | 133.70 | 128.30 | 131.30 | 108.00 | 122.00 | 153.70 |
| 1982/83 | 116.30 | 118.00 | 109.00 | 119.70 | 136.70 | 131.00 | 130.70 | 130.70 | 125.00 | 121.70 | 125.00 | 130.00 | 120.00 |
| 1983/84 | 134.30 | 132.70 | 135.00 | 129.70 | 133.00 | 139.00 | 132.30 | 131.70 | 130.70 | 126.70 | 131.00 | 138.70 | 133.70 |
| 1984/85 | 141.00 | 134.30 | 128.70 | 127.00 | 123.70 | 140.70 | 136.00 | 129.70 | 144.00 | 126.70 | 120.00 | | 137.30 |

DURUM WHEAT: Seedings by variety, Arizona, 1981-85

| Variety | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|---|---|---|---|---|
| | | | Percent of acreage | | |
| Aldura | 17.3 | 26.0 | 33.8 | 54.5 | 44.6 |
| Jori 69 | 6.2 | | | | |
| Mexicali 75 | 37.1 | 10.5 | 1.7 | 29.7 | |
| Produra | 27.5 | 16.2 | 2.7 | | |
| Westbred 881 | | | 7.6 | 2.6 | |
| Yavaros 79 | | | | | 10.8 |
| 1000 D | 4.2 | 2.7 | .9 | .8 | 3.4 |
| Unspecified | 7.7 | 44.6 | 53.3 | 12.4 | 41.2 |
| TOTAL | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

OTHER WHEAT: Seedings by variety, Arizona, 1981-85

| Variety | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|---|---|---|---|---|
| | | | Percent of acreage | | |
| Cajeme 71 | 33.9 | 8.6 | 5.8 | 3.7 | 1.1 |
| Glennson | | | | .3 | |
| Inia 66 | 2.1 | 8.6 | | .2 | |
| Nugaines | 1.6 | 2.3 | 1.7 | | |
| Probred | 13.7 | 3.8 | .6 | .2 | 4.6 |
| Scout | | | .4 | | |
| Stephens | | | .6 | | |
| Super X | 4.6 | 1.0 | 3.2 | .6 | .6 |
| Westbred 906 | | | 1.4 | .4 | 1.2 |
| Westbred 911 | | | | 4.0 | 3.4 |
| Yecora Rojo | 26.3 | 49.3 | 47.5 | 79.5 | 68.4 |
| Unspecified | 17.8 | 26.4 | 38.8 | 11.1 | 20.7 |
| TOTAL | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

SORGHUM: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN | | | County and year | Planted for all purposes | FOR GRAIN | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | | | Harvested | Yield per acre | Production |
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 500 | 400 | 3,920 | 780 | 1980 | 8,000 | 6,200 | 5,150 | 15,970 |
| 1981 | 1,200 | 900 | 4,480 | 2,020 | 1981 | 5,000 | 4,800 | 4,760 | 11,420 |
| 1982 | 800 | 700 | 4,590 | 1,610 | 1982 | 2,500 | 2,200 | 5,240 | 5,760 |
| 1983 | 900 | 700 | 4,760 | 1,670 | 1983 | 2,200 | 1,500 | 5,280 | 3,960 |
| 1984 | 700 | 700 | 4,930 | 1,730 | 1984 | 2,000 | 1,600 | 6,160 | 4,930 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 0 | | | | 1980 | 0 | | | |
| 1981 | 200 | 200 | 3,980 | 400 | 1981 | * | | | |
| 1982 | 0 | | | | 1982 | * | | | |
| 1983 | 0 | | | | 1983 | * | | | |
| 1984 | 0 | | | | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 4,000 | 3,000 | 5,040 | 7,560 | 1980 | 600 | 500 | 4,460 | 1,110 |
| 1981 | 3,000 | 2,900 | 4,980 | 7,230 | 1981 | 800 | 700 | 4,480 | 1,570 |
| 1982 | 2,500 | 2,300 | 5,180 | 5,960 | 1982 | * | | | |
| 1983 | 2,400 | 2,000 | 4,790 | 4,790 | 1983 | * | | | |
| 1984 | 2,400 | 2,200 | 5,710 | 6,280 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 6,000 | 3,400 | 4,200 | 7,140 |
| | | | | | 1981 | 4,000 | 3,000 | 4,290 | 6,430 |
| | | | | | 1982 | 5,000 | 2,700 | 3,850 | 5,200 |
| 1983 | * | | | | 1983 | 5,500 | 2,700 | 4,190 | 5,650 |
| 1984 | * | | | | 1984 | 5,300 | 4,500 | 4,480 | 10,080 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 900 | 900 | 4,030 | 1,810 | 1980 | 1,000 | 700 | 2,300 | 800 |
| 1981 | 1,500 | 1,500 | 4,820 | 3,610 | 1981 | 1,100 | 800 | 2,170 | 870 |
| 1982 | * | | | | 1982 | 800 | 600 | 2,180 | 650 |
| 1983 | * | | | | 1983 | 800 | 600 | 2,630 | 790 |
| 1984 | * | | | | 1984 | 500 | 500 | 2,860 | 710 |
| PIMA | | | | | PINAL | | | | |
| 1980 | 2,000 | 1,800 | 4,980 | 4,490 | 1980 | 7,500 | 5,900 | 4,030 | 11,900 |
| 1981 | 2,500 | 2,400 | 4,420 | 5,310 | 1981 | 7,000 | 6,000 | 4,090 | 12,280 |
| 1982 | 2,000 | 1,800 | 4,480 | 4,030 | 1982 | 3,500 | 2,500 | 3,920 | 4,900 |
| 1983 | 1,300 | 800 | 4,230 | 1,690 | 1983 | 4,000 | 2,500 | 3,850 | 4,810 |
| 1984 | 1,100 | 900 | 4,140 | 1,870 | 1984 | 3,300 | 3,100 | 4,200 | 6,510 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 200 | 0 | | | 1980 | 300 | 200 | 3,980 | 400 |
| 1981 | 500 | 0 | | | 1981 | 200 | 0 | | |
| 1982 | * | | | | 1982 | * | | | |
| 1983 | * | | | | 1983 | * | | | |
| 1984 | * | | | | 1984 | * | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 4,000 | 3,000 | 4,180 | 6,280 | 1980 | 35,000 | 26,000 | 4,480 | 58,240 |
| 1981 | 3,000 | 2,800 | 4,030 | 5,640 | 1981 | 30,000 | 26,000 | 4,370 | 56,780 |
| 1982 | 2,000 | 1,700 | 4,700 | 4,000 | 1982 | 20,000 | 15,000 | 4,420 | 33,180 |
| 1983 | 1,800 | 1,400 | 3,980 | 2,780 | 1983 | 20,000 | 13,000 | 4,260 | 27,660 |
| 1984 | 1,800 | 1,600 | 5,180 | 4,140 | 1984 | 18,000 | 16,000 | 4,760 | 38,080 |

---

1/ Converted from 56 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SORGHUM: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN | | | | |
|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | Season average price 1/ | Value of production |
| | 1,000 acres | | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 35 | 26 | 4,480 | 58,240 | 133.60 | 7,779 |
| 1981 | 30 | 26 | 4,370 | 56,780 | 113.60 | 6,449 |
| 1982 | 20 | 15 | 4,420 | 33,180 | 104.30 | 3,460 |
| 1983 | 20 | 13 | 4,260 | 27,660 | 130.00 | 3,596 |
| 1984 | 18 | 16 | 4,760 | 38,080 | 115.00 | 4,379 |

1/ Average price for the July through June marketing season.
2/ Converted from 56 pound bushels and rounded.

SORGHUM: Farm marketings, Arizona, 1979/80-1983/84 1/

| Crop year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Percent | | | | | | |
| 1979/80 | 0 | 1 | 5 | 8 | 30 | 20 | 4 | 12 | 12 | 1 | 3 | 4 | 0 |
| 1980/81 | 17 | 1 | 9 | 27 | 34 | 6 | 1 | 0 | 0 | 0 | 0 | 5 | 0 |
| 1981/82 | 20 | 2 | 5 | 7 | 7 | 48 | 3 | 3 | 3 | 2 | 0 | 0 | 0 |
| 1982/83 | 1 | 3 | 5 | 26 | 20 | 13 | 28 | 4 | 0 | 0 | 0 | 0 | 0 |
| 1983/84 | 0 | 2 | 2 | 10 | 26 | 32 | 10 | 3 | 0 | 0 | 10 | 5 | 0 |

1/ Marketing season July 1-June 30. Prior to 1980-81, marketing season was August 1-July 31.

SORGHUM: Monthly and season average prices received by growers, Arizona, 1980/81-1984/85

| Crop year | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 140.20 | 138.00 | 131.00 | 128.20 | 135.20 | 137.20 | -- | -- | -- | -- | -- | 125.00 | 133.60 |
| 1981/82 | 125.60 | 100.00 | 100.40 | 95.20 | 96.60 | 110.60 | 99.80 | 116.00 | 116.00 | 110.00 | -- | -- | 113.60 |
| 1982/83 | -- | -- | 105.80 | 104.40 | 103.40 | 107.80 | 103.60 | 104.80 | -- | -- | -- | -- | 104.30 |
| 1983/84 | -- | 125.00 | 128.00 | 128.60 | 130.80 | 130.80 | 129.80 | -- | -- | -- | 128.40 | 128.60 | 130.00 |
| 1984/85 | 124.00 | 117.00 | 113.60 | 118.80 | 111.60 | 120.00 | 115.60 | 122.40 | 108.60 | | | | 115.00 |

SORGHUM FOR SILAGE: Acreage, yield, and production, Arizona, 1980-84

| Year | Harvested | Yield per acre | Production |
|---|---|---|---|
| | 1,000 Acres | Tons | 1,000 Tons |
| 1980 | 6 | 18.5 | 111 |
| 1981 | 3 | 22.0 | 66 |
| 1982 | 4 | 19.5 | 78 |
| 1983 | 5 | 16.0 | 80 |
| 1984 | 2 | 20.0 | 40 |

BARLEY: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN | | | County and year | Planted for all purposes | FOR GRAIN | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | | | Harvested | Yield per acre | Production |
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 0 | | | | 1980 | 1,200 | 900 | 3,550 | 1,600 |
| 1981 | 0 | | | | 1981 | 900 | 800 | 4,080 | 1,630 |
| 1982 | * | | | | 1982 | 1,000 | 900 | 4,130 | 1,860 |
| 1983 | * | | | | 1983 | 1,500 | 1,400 | 4,130 | 2,890 |
| 1984 | * | | | | 1984 | 2,100 | 2,100 | 4,030 | 4,230 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 700 | 0 | | | 1980 | 300 | 0 | | |
| 1981 | 0 | | | | 1981 | 500 | 500 | 2,160 | 540 |
| 1982 | * | | | | 1982 | 500 | 500 | 2,510 | 620 |
| 1983 | * | | | | 1983 | * | | | |
| 1984 | * | | | | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 2,500 | 2,000 | 4,080 | 4,080 | 1980 | 300 | 0 | | |
| 1981 | 2,000 | 2,000 | 4,800 | 4,800 | 1981 | 200 | 200 | 3,360 | 330 |
| 1982 | 3,000 | 2,900 | 4,970 | 7,210 | 1982 | * | | | |
| 1983 | 3,200 | 2,900 | 5,230 | 7,580 | 1983 | * | | | |
| 1984 | 3,400 | 3,400 | 5,510 | 9,370 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 18,000 | 16,000 | 4,320 | 34,510 |
| | | | | | 1981 | 14,000 | 13,500 | 4,580 | 30,950 |
| | | | | | 1982 | 14,100 | 12,500 | 5,400 | 33,720 |
| 1983 | 500 | 400 | 5,050 | 1,010 | 1983 | 10,100 | 8,700 | 5,000 | 21,760 |
| 1984 | 1,500 | 1,400 | 5,400 | 3,780 | 1984 | 19,100 | 18,300 | 5,470 | 50,030 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 1,000 | 800 | 3,360 | 1,340 | 1980 | 300 | 300 | 2,880 | 430 |
| 1981 | 500 | 500 | 4,080 | 1,020 | 1981 | 300 | 300 | 3,120 | 470 |
| 1982 | 300 | 300 | 3,840 | 580 | 1982 | 600 | 300 | 3,120 | 470 |
| 1983 | 700 | 500 | 4,610 | 1,150 | 1983 | * | | | |
| 1984 | 700 | 600 | 4,570 | 1,370 | 1984 | 500 | 400 | 3,360 | 670 |
| PIMA | | | | | PINAL | | | | |
| 1980 | 2,000 | 2,000 | 3,840 | 3,840 | 1980 | 25,000 | 22,000 | 4,270 | 46,940 |
| 1981 | 1,000 | 1,000 | 4,320 | 2,160 | 1981 | 17,000 | 14,000 | 4,490 | 31,420 |
| 1982 | 900 | 700 | 4,320 | 1,510 | 1982 | 16,000 | 14,800 | 4,610 | 34,130 |
| 1983 | 900 | 700 | 4,520 | 1,580 | 1983 | 12,200 | 10,100 | 5,250 | 26,520 |
| 1984 | 1,200 | 1,200 | 4,000 | 2,400 | 1984 | 21,100 | 20,600 | 4,340 | 44,690 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 500 | 0 | | | 1980 | 200 | 0 | | |
| 1981 | 400 | 200 | 4,080 | 410 | 1981 | 200 | 0 | | |
| 1982 | * | | | | 1982 | * | | | |
| 1983 | 500 | 300 | 4,160 | 620 | 1983 | 0 | | | |
| 1984 | 700 | 500 | 4,050 | 1,010 | 1984 | 0 | | | |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 8,000 | 6,800 | 3,890 | 11,660 | 1980 | 60,000 | 50,000 | 4,180 | 104,400 |
| 1981 | 3,000 | 3,000 | 3,840 | 5,760 | 1981 | 40,000 | 36,000 | 4,420 | 79,490 |
| 1982 | 4,000 | 4,000 | 4,410 | 8,810 | 1982 | 42,000 | 38,000 | 4,800 | 91,200 |
| 1983 | 1,100 | 1,000 | 5,050 | 2,520 | 1983 | 32,000 | 27,000 | 4,990 | 67,390 |
| 1984 | 3,500 | 3,500 | 5,400 | 9,460 | 1984 | 55,000 | 53,000 | 4,850 | 128,470 |

---

1/ Converted from 48 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

**BARLEY:** Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN | | | | |
|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | Season average price 1/ | Value of production |
| | 1,000 acres | 1,000 acres | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 60 | 50 | 4,180 | 104,400 | 111.30 | 11,615 |
| 1981 | 40 | 36 | 4,420 | 79,490 | 142.50 | 13,927 |
| 1982 | 42 | 38 | 4,800 | 91,200 | 113.80 | 10,374 |
| 1983 | 32 | 27 | 4,990 | 67,390 | 125.80 | 8,480 |
| 1984 | 55 | 53 | 4,850 | 128,470 | 125.00 | 16,059 |

1/ Average price for the May through April marketing season.
2/ Converted from 48 pound bushels and rounded.

**BARLEY:** Farm marketings, Arizona, 1979/80-1983/84

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Percent | | | | | | | | | | | |
| 1979/80 | 33 | 50 | 5 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1980/81 | 18 | 55 | 16 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1981/82 | 40 | 45 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 |
| 1982/83 | 28 | 50 | 10 | 3 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| 1983/84 | 30 | 49 | 9 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 |

**BARLEY:** Monthly and season average prices received by growers, Arizona, 1980/81-1984/85

| Crop year | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dollars per ton | | | | | | | | | | | | |
| 1980/81 | 111.70 | 108.80 | 106.70 | 130.00 | 127.10 | -- | 155.80 | 142.90 | -- | -- | -- | 137.50 | 111.30 |
| 1981/82 | 145.80 | 143.30 | 139.60 | 110.00 | -- | -- | -- | 132.50 | 125.00 | 122.50 | -- | 110.00 | 142.50 |
| 1982/83 | 114.20 | 114.60 | 110.80 | 121.30 | -- | 102.50 | 91.30 | -- | 106.30 | 112.10 | -- | -- | 113.80 |
| 1983/84 | 125.40 | 123.80 | 130.00 | -- | -- | 135.00 | 145.00 | -- | 134.60 | -- | -- | 132.50 | 125.80 |
| 1984/85 | 125.80 | 124.60 | 120.80 | -- | 129.60 | 127.90 | -- | 120.00 | 124.60 | 124.20 | 129.20 | -- | 125.00 |

ALFALFA HAY: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Tons | Tons | | Acres | Tons | Tons |
| APACHE | | | | COCHISE | | | |
| 1980 | 1,600 | 2.7 | 4,300 | 1980 | 10,000 | 6.0 | 60,000 |
| 1981 | 2,400 | 3.2 | 7,700 | 1981 | 10,500 | 6.5 | 68,200 |
| 1982 | 2,900 | 3.4 | 10,000 | 1982 | 11,100 | 6.4 | 71,000 |
| 1983 | 2,800 | 3.5 | 9,800 | 1983 | 8,200 | 6.5 | 53,000 |
| 1984 | 3,000 | 4.0 | 12,000 | 1984 | 8,600 | 5.5 | 47,300 |
| COCONINO | | | | GILA | | | |
| 1980 | 500 | 4.6 | 2,300 | 1980 | 400 | 3.0 | 1,200 |
| 1981 | 500 | 4.8 | 2,400 | 1981 | 100 | 4.0 | 400 |
| 1982 | 400 | 4.8 | 1,900 | 1982 | 100 | 4.0 | 400 |
| 1983 | 400 | 4.8 | 1,900 | 1983 | 100 | 4.0 | 400 |
| 1984 | 500 | 4.8 | 2,400 | 1984 | 200 | 4.0 | 800 |
| GRAHAM | | | | GREENLEE | | | |
| 1980 | 7,500 | 6.3 | 47,000 | 1980 | 1,000 | 5.5 | 5,500 |
| 1981 | 6,000 | 6.1 | 36,800 | 1981 | 900 | 5.9 | 5,300 |
| 1982 | 5,000 | 5.8 | 29,100 | 1982 | 1,000 | 6.0 | 6,000 |
| 1983 | 4,700 | 6.6 | 31,000 | 1983 | 900 | 6.0 | 5,400 |
| 1984 | 4,700 | 6.0 | 28,200 | 1984 | 1,000 | 5.5 | 5,500 |
| LA PAZ 2/ | | | | MARICOPA | | | |
| | | | | 1980 | 55,000 | 7.4 | 406,000 |
| | | | | 1981 | 51,000 | 7.5 | 382,500 |
| | | | | 1982 | 51,400 | 7.9 | 403,500 |
| 1983 | 25,700 | 7.3 | 187,600 | 1983 | 46,000 | 8.0 | 368,000 |
| 1984 | 28,500 | 7.7 | 219,000 | 1984 | 46,000 | 7.6 | 349,500 |
| MOHAVE | | | | NAVAJO | | | |
| 1980 | 3,200 | 6.8 | 21,800 | 1980 | 5,000 | 3.5 | 17,500 |
| 1981 | 4,300 | 6.4 | 27,600 | 1981 | 4,800 | 3.2 | 15,500 |
| 1982 | 5,500 | 7.0 | 38,500 | 1982 | 4,800 | 3.2 | 15,400 |
| 1983 | 5,600 | 6.9 | 38,600 | 1983 | 4,300 | 3.3 | 14,300 |
| 1984 | 5,800 | 6.5 | 37,500 | 1984 | 4,000 | 3.8 | 15,000 |
| PIMA | | | | PINAL | | | |
| 1980 | 2,000 | 5.5 | 11,000 | 1980 | 15,000 | 6.4 | 95,500 |
| 1981 | 1,800 | 5.9 | 10,600 | 1981 | 13,500 | 6.4 | 86,900 |
| 1982 | 2,000 | 6.0 | 12,000 | 1982 | 13,000 | 6.8 | 88,400 |
| 1983 | 2,000 | 6.4 | 12,800 | 1983 | 11,700 | 6.3 | 74,000 |
| 1984 | 2,100 | 6.9 | 14,400 | 1984 | 13,000 | 6.5 | 84,100 |
| SANTA CRUZ | | | | YAVAPAI | | | |
| 1980 | 1,300 | 4.9 | 6,400 | 1980 | 2,500 | 4.2 | 10,500 |
| 1981 | 1,400 | 4.9 | 6,900 | 1981 | 2,500 | 4.4 | 10,900 |
| 1982 | 1,200 | 5.8 | 7,000 | 1982 | 2,300 | 4.5 | 10,400 |
| 1983 | 1,100 | 5.8 | 6,400 | 1983 | 2,000 | 4.3 | 8,500 |
| 1984 | 1,100 | 5.5 | 6,100 | 1984 | 2,000 | 4.1 | 8,200 |
| YUMA 2/ | | | | ARIZONA | | | |
| 1980 | 60,000 | 7.8 | 466,000 | 1980 | 165,000 | 7.0 | 1,155,000 |
| 1981 | 60,300 | 7.6 | 458,300 | 1981 | 160,000 | 7.0 | 1,120,000 |
| 1982 | 59,300 | 8.0 | 474,400 | 1982 | 160,000 | 7.3 | 1,168,000 |
| 1983 | 29,500 | 8.4 | 247,300 | 1983 | 145,000 | 7.3 | 1,059,000 |
| 1984 | 29,500 | 8.5 | 250,000 | 1984 | 150,000 | 7.2 | 1,080,000 |

---

1/ Does not include green chop or grazed.

2/ La Paz County created from Yuma County in 1983.

OTHER HAY: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Tons | Tons | | Acres | Tons | Tons |
| APACHE | | | | COCHISE | | | |
| 1980 | 3,000 | 2.3 | 6,800 | 1980 | 800 | 5.4 | 4,300 |
| 1981 | 2,400 | 2.3 | 5,500 | 1981 | 1,000 | 3.7 | 3,700 |
| 1982 | 2,500 | 3.2 | 8,000 | 1982 | 700 | 3.6 | 2,500 |
| 1983 | 2,500 | 3.0 | 7,500 | 1983 | 800 | 4.8 | 3,800 |
| 1984 | 2,500 | 3.0 | 7,500 | 1984 | 900 | 4.4 | 4,000 |
| COCONINO | | | | GILA | | | |
| 1980 | 800 | 2.9 | 2,300 | 1980 | 300 | 1.7 | 500 |
| 1981 | 600 | 2.8 | 1,700 | 1981 | 500 | 2.2 | 1,100 |
| 1982 | 500 | 2.6 | 1,300 | 1982 | 400 | 2.0 | 800 |
| 1983 | 500 | 3.0 | 1,500 | 1983 | 400 | 2.5 | 1,000 |
| 1984 | 500 | 3.6 | 1,800 | 1984 | * | | |
| GRAHAM | | | | GREENLEE | | | |
| 1980 | 1,000 | 3.3 | 3,300 | 1980 | 0 | | |
| 1981 | 900 | 3.7 | 3,300 | 1981 | 200 | 2.0 | 400 |
| 1982 | 900 | 3.6 | 3,200 | 1982 | 200 | 3.0 | 600 |
| 1983 | 800 | 3.8 | 3,000 | 1983 | 200 | 3.0 | 600 |
| 1984 | 700 | 3.4 | 2,400 | 1984 | * | | |
| LA PAZ 2/ | | | | MARICOPA | | | |
| | | | | 1980 | 9,000 | 4.4 | 40,000 |
| | | | | 1981 | 8,400 | 3.5 | 29,800 |
| | | | | 1982 | 8,100 | 3.1 | 24,800 |
| 1983 | 2,300 | 4.9 | 11,300 | 1983 | 7,500 | 4.5 | 34,000 |
| 1984 | 2,500 | 5.0 | 12,400 | 1984 | 7,000 | 4.9 | 34,000 |
| MOHAVE | | | | NAVAJO | | | |
| 1980 | 500 | 2.4 | 1,200 | 1980 | 1,500 | 2.3 | 3,400 |
| 1981 | 700 | 2.3 | 1,600 | 1981 | 1,600 | 2.1 | 3,300 |
| 1982 | 500 | 2.0 | 1,000 | 1982 | 1,500 | 2.2 | 3,300 |
| 1983 | 900 | 3.0 | 2,700 | 1983 | 1,500 | 2.3 | 3,400 |
| 1984 | 800 | 3.5 | 2,800 | 1984 | 1,400 | 2.3 | 3,200 |
| PIMA | | | | PINAL | | | |
| 1980 | 500 | 4.0 | 2,000 | 1980 | 3,000 | 3.7 | 11,000 |
| 1981 | 500 | 3.4 | 1,700 | 1981 | 2,500 | 3.4 | 8,600 |
| 1982 | 400 | 3.0 | 1,200 | 1982 | 1,900 | 2.9 | 5,500 |
| 1983 | 500 | 3.6 | 1,800 | 1983 | 2,000 | 3.8 | 7,600 |
| 1984 | * | | | 1984 | 1,800 | 3.6 | 6,500 |
| SANTA CRUZ | | | | YAVAPAI | | | |
| 1980 | 600 | 2.3 | 1,400 | 1980 | 2,000 | 2.9 | 5,800 |
| 1981 | 600 | 2.2 | 1,300 | 1981 | 2,200 | 2.2 | 4,800 |
| 1982 | 400 | 2.0 | 800 | 1982 | 2,000 | 2.0 | 4,000 |
| 1983 | 400 | 2.3 | 900 | 1983 | 2,200 | 3.0 | 6,600 |
| 1984 | * | | | 1984 | 2,500 | 3.0 | 7,500 |
| YUMA 2/ | | | | ARIZONA | | | |
| 1980 | 7,000 | 3.3 | 23,000 | 1980 | 30,000 | 3.5 | 105,000 |
| 1981 | 7,900 | 3.7 | 29,200 | 1981 | 30,000 | 3.2 | 96,000 |
| 1982 | 5,000 | 3.2 | 16,000 | 1982 | 25,000 | 2.9 | 73,000 |
| 1983 | 2,500 | 4.9 | 12,300 | 1983 | 25,000 | 3.9 | 98,000 |
| 1984 | 3,200 | 4.5 | 14,400 | 1984 | 25,000 | 4.0 | 100,000 |

---

1/ Does not include green chop or grazed.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL HAY: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Tons | Tons | | Acres | Tons | Tons |
| APACHE | | | | COCHISE | | | |
| 1980 | 4,600 | 2.4 | 11,100 | 1980 | 10,800 | 6.0 | 64,300 |
| 1981 | 4,800 | 2.8 | 13,200 | 1981 | 11,500 | 6.3 | 71,900 |
| 1982 | 5,400 | 3.3 | 18,000 | 1982 | 11,800 | 6.2 | 73,500 |
| 1983 | 5,300 | 3.3 | 17,300 | 1983 | 9,000 | 6.3 | 56,800 |
| 1984 | 5,500 | 3.5 | 19,500 | 1984 | 9,500 | 5.4 | 51,300 |
| COCONINO | | | | GILA | | | |
| 1980 | 1,300 | 3.5 | 4,600 | 1980 | 700 | 2.4 | 1,700 |
| 1981 | 1,100 | 3.7 | 4,100 | 1981 | 600 | 2.5 | 1,500 |
| 1982 | 900 | 3.6 | 3,200 | 1982 | 500 | 2.4 | 1,200 |
| 1983 | 900 | 3.8 | 3,400 | 1983 | 500 | 2.8 | 1,400 |
| 1984 | 1,000 | 4.2 | 4,200 | 1984 | * | | |
| GRAHAM | | | | GREENLEE | | | |
| 1980 | 8,500 | 5.9 | 50,300 | 1980 | 1,000 | 5.5 | 5,500 |
| 1981 | 6,900 | 5.8 | 40,100 | 1981 | 1,100 | 5.2 | 5,700 |
| 1982 | 5,900 | 5.5 | 32,300 | 1982 | 1,200 | 5.5 | 6,600 |
| 1983 | 5,500 | 6.2 | 34,000 | 1983 | 1,100 | 5.5 | 6,000 |
| 1984 | 5,400 | 5.7 | 30,600 | 1984 | * | | |
| LA PAZ 2/ | | | | MARICOPA | | | |
| | | | | 1980 | 64,000 | 7.0 | 446,000 |
| | | | | 1981 | 59,400 | 6.9 | 412,300 |
| | | | | 1982 | 59,500 | 7.2 | 428,300 |
| 1983 | 28,000 | 7.1 | 198,900 | 1983 | 53,500 | 7.5 | 402,000 |
| 1984 | 31,000 | 7.5 | 231,400 | 1984 | 53,000 | 7.2 | 383,500 |
| MOHAVE | | | | NAVAJO | | | |
| 1980 | 3,700 | 6.2 | 23,000 | 1980 | 6,500 | 3.2 | 20,900 |
| 1981 | 5,000 | 5.8 | 29,200 | 1981 | 6,400 | 2.9 | 18,800 |
| 1982 | 6,000 | 6.6 | 39,500 | 1982 | 6,300 | 3.0 | 18,700 |
| 1983 | 6,500 | 6.4 | 41,300 | 1983 | 5,800 | 3.1 | 17,700 |
| 1984 | 6,600 | 6.1 | 40,300 | 1984 | 5,400 | 3.4 | 18,200 |
| PIMA | | | | PINAL | | | |
| 1980 | 2,500 | 5.2 | 13,000 | 1980 | 18,000 | 5.9 | 106,500 |
| 1981 | 2,300 | 5.3 | 12,300 | 1981 | 16,000 | 6.0 | 95,500 |
| 1982 | 2,400 | 5.5 | 13,200 | 1982 | 14,900 | 6.3 | 93,900 |
| 1983 | 2,500 | 5.8 | 14,600 | 1983 | 13,700 | 6.0 | 81,600 |
| 1984 | * | | | 1984 | 14,800 | 6.1 | 90,600 |
| SANTA CRUZ | | | | YAVAPAI | | | |
| 1980 | 1,900 | 4.1 | 7,800 | 1980 | 4,500 | 3.6 | 16,300 |
| 1981 | 2,000 | 4.1 | 8,200 | 1981 | 4,700 | 3.3 | 15,700 |
| 1982 | 1,600 | 4.9 | 7,800 | 1982 | 4,300 | 3.3 | 14,400 |
| 1983 | 1,500 | 4.9 | 7,300 | 1983 | 4,200 | 3.6 | 15,100 |
| 1984 | * | | | 1984 | 4,500 | 3.5 | 15,700 |
| YUMA 2/ | | | | ARIZONA | | | |
| 1980 | 67,000 | 7.3 | 489,000 | 1980 | 195,000 | 6.5 | 1,260,000 |
| 1981 | 68,200 | 7.1 | 487,500 | 1981 | 190,000 | 6.4 | 1,216,000 |
| 1982 | 64,300 | 7.6 | 490,400 | 1982 | 185,000 | 6.7 | 1,241,000 |
| 1983 | 32,000 | 8.1 | 259,600 | 1983 | 170,000 | 6.8 | 1,157,000 |
| 1984 | 32,700 | 8.1 | 264,400 | 1984 | 175,000 | 6.7 | 1,180,000 |

---

1/ Does not include green chop or grazed.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL HAY: Acreage, yield, production, price, and value, Arizona, 1980-84 1/

| Year | Harvested | Yield per acre | Production | Season average price 2/ | Value of production |
|---|---|---|---|---|---|
| | 1,000 acres | Tons | 1,000 tons | Dol./ton | 1,000 dol. |
| 1980 | 195 | 6.5 | 1,260 | 82.50 | 103,950 |
| 1981 | 190 | 6.4 | 1,216 | 74.00 | 89,984 |
| 1982 | 185 | 6.7 | 1,241 | 73.50 | 91,214 |
| 1983 | 170 | 6.8 | 1,157 | 93.00 | 107,601 |
| 1984 | 175 | 6.7 | 1,180 | 85.00 | 100,300 |

1/ Does not include green chop or grazed.
2/ Average price for the April through March marketing season.

ALL HAY: Farm marketings, Arizona, 1979/80-1983/84

| Crop year | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Percent | | | | | | |
| 1979/80 | 10 | 12 | 13 | 14 | 12 | 8 | 9 | 7 | 5 | 4 | 3 | 3 |
| 1980/81 | 5 | 8 | 9 | 12 | 12 | 10 | 11 | 8 | 6 | 5 | 7 | 7 |
| 1981/82 | 11 | 15 | 6 | 10 | 10 | 7 | 10 | 6 | 8 | 5 | 6 | 6 |
| 1982/83 | 8 | 12 | 16 | 13 | 10 | 10 | 6 | 6 | 4 | 5 | 5 | 5 |
| 1983/84 | 14 | 15 | 11 | 4 | 4 | 8 | 6 | 6 | 6 | 6 | 8 | 12 |

ALL HAY: Monthly and season average prices received by growers, Arizona, 1980/81-1984/85 1/

| Crop year | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 88.00 | 83.00 | 76.50 | 66.00 | 72.00 | 77.50 | 84.50 | 88.50 | 92.00 | 95.00 | 98.00 | 93.00 | 82.50 |
| 1981/82 | 88.00 | 79.00 | 71.00 | 70.00 | 62.00 | 63.00 | 69.00 | 74.00 | 75.00 | 79.00 | 78.00 | 76.00 | 74.00 |
| 1982/83 | 80.00 | 85.00 | 70.00 | 64.00 | 62.00 | 66.00 | 73.00 | 74.00 | 77.00 | 78.00 | 82.00 | 91.00 | 73.50 |
| 1983/84 | 96.00 | 100.00 | 91.00 | 78.00 | 74.00 | 78.00 | 92.00 | 90.00 | 97.00 | 100.00 | 99.00 | 95.00 | 93.00 |
| 1984/85 | 94.00 | 90.00 | 81.00 | 74.00 | 70.00 | 77.00 | 81.00 | 85.00 | 87.00 | 87.00 | 98.00 | 92.00 | 85.00 |

1/ Does not include green chop or grazed.

ALFALFA HAY: Monthly prices received by growers, Arizona, 1980/81-1984/85 1/

| Crop year | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 90.00 | 84.00 | 77.00 | 66.50 | 72.50 | 77.50 | 84.50 | 89.50 | 94.00 | 96.00 | 98.00 | 94.00 |
| 1981/82 | 88.00 | 79.00 | 71.00 | 71.00 | 62.00 | 63.00 | 69.00 | 75.00 | 75.00 | 79.00 | 78.00 | 76.00 |
| 1982/83 | 82.00 | 85.00 | 70.00 | 64.00 | 62.00 | 66.00 | 74.00 | 76.00 | 81.00 | 81.00 | 83.00 | 94.00 |
| 1983/84 | 98.00 | 101.00 | 91.00 | 82.00 | 77.00 | 80.00 | 95.00 | 92.00 | 99.00 | 102.00 | 102.00 | 97.00 |
| 1984/85 | 95.00 | 91.00 | 84.00 | 77.00 | 71.00 | 79.00 | 82.00 | 91.00 | 94.00 | 94.00 | 100.00 | 94.00 |

1/ Does not include green chop or grazed.

OTHER HAY: Monthly prices received by growers, Arizona, 1980/81-1984/85 1/

| Crop year | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Dollars per ton | | | | | | |
| 1980/81 | 64.00 | 66.00 | 55.00 | 52.50 | 58.00 | 62.50 | 65.50 | 57.50 | 47.00 | 78.00 | 80.00 | 56.00 |
| 1981/82 | — | 61.00 | 60.00 | 59.00 | 61.00 | 58.00 | 60.00 | 56.00 | 66.00 | 60.00 | 55.00 | 40.00 |
| 1982/83 | 61.00 | -- | -- | 51.00 | 52.00 | 53.00 | 55.00 | 48.00 | 49.00 | 58.00 | 61.00 | 61.00 |
| 1983/84 | 63.00 | 65.00 | 55.00 | 57.00 | 58.00 | 65.00 | 66.00 | 63.00 | 71.00 | 70.00 | 65.00 | 61.00 |
| 1984/85 | 75.00 | 75.00 | 62.00 | 63.00 | 63.00 | 59.00 | 68.00 | 64.00 | 59.00 | 63.00 | 60.00 | 60.00 |

1/ Does not include green chop or grazed.

CORN: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Planted for all purposes | FOR GRAIN | | | County and year | Planted for all purposes | FOR GRAIN | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Harvested | Yield per acre | Production | | | Harvested | Yield per acre | Production |
| | Acres | | Lbs. 1/ | Tons 1/ | | Acres | | Lbs. 1/ | Tons 1/ |
| APACHE | | | | | COCHISE | | | | |
| 1980 | 2,000 | 1,500 | 1,980 | 1,480 | 1980 | 27,000 | 25,000 | 6,280 | 78,490 |
| 1981 | 2,000 | 200 | 3,640 | 360 | 1981 | 23,600 | 20,000 | 7,830 | 78,350 |
| 1982 | 2,600 | 500 | 4,790 | 1,200 | 1982 | 7,700 | 7,600 | 8,240 | 31,310 |
| 1983 | 1,200 | 900 | 4,200 | 1,890 | 1983 | 7,800 | 6,900 | 8,740 | 30,140 |
| 1984 | 4,800 | 4,500 | 5,240 | 11,780 | 1984 | 8,500 | 8,000 | 9,410 | 37,630 |
| COCONINO | | | | | GILA | | | | |
| 1980 | 1,500 | 1,000 | 2,240 | 1,120 | 1980 | 200 | 0 | | |
| 1981 | 1,800 | 700 | 3,920 | 1,370 | 1981 | 0 | | | |
| 1982 | 500 | 200 | 3,360 | 340 | 1982 | * | | | |
| 1983 | 500 | 200 | 3,920 | 390 | 1983 | * | | | |
| 1984 | 1,000 | 700 | 4,020 | 1,410 | 1984 | * | | | |
| GRAHAM | | | | | GREENLEE | | | | |
| 1980 | 4,000 | 2,500 | 5,490 | 6,860 | 1980 | 500 | 400 | 5,600 | 1,120 |
| 1981 | 4,500 | 4,000 | 8,400 | 16,800 | 1981 | 400 | 300 | 5,940 | 890 |
| 1982 | 4,800 | 4,500 | 8,400 | 18,900 | 1982 | * | | | |
| 1983 | 4,000 | 3,700 | 8,930 | 16,520 | 1983 | * | | | |
| 1984 | 4,700 | 4,500 | 10,020 | 22,550 | 1984 | * | | | |
| LA PAZ 2/ | | | | | MARICOPA | | | | |
| | | | | | 1980 | 7,000 | 0 | | |
| | | | | | 1981 | 4,500 | 500 | 7,560 | 1,890 |
| | | | | | 1982 | 5,900 | 700 | 8,120 | 2,840 |
| 1983 | 0 | | | | 1983 | 5,000 | 1,000 | 7,950 | 3,980 |
| 1984 | * | | | | 1984 | 5,400 | 2,300 | 8,690 | 10,000 |
| MOHAVE | | | | | NAVAJO | | | | |
| 1980 | 0 | | | | 1980 | 5,000 | 4,000 | 3,640 | 7,280 |
| 1981 | 0 | | | | 1981 | 4,500 | 3,300 | 4,200 | 6,930 |
| 1982 | 0 | | | | 1982 | 4,300 | 3,100 | 4,480 | 6,940 |
| 1983 | 0 | | | | 1983 | 4,000 | 2,800 | 4,790 | 6,700 |
| 1984 | 0 | | | | 1984 | 4,100 | 3,000 | 5,010 | 7,520 |
| PIMA | | | | | PINAL | | | | |
| 1980 | 0 | | | | 1980 | 1,000 | 100 | 5,040 | 250 |
| 1981 | 0 | | | | 1981 | 1,200 | 0 | | |
| 1982 | * | | | | 1982 | 1,300 | 500 | 8,120 | 2,030 |
| 1983 | * | | | | 1983 | 700 | 400 | 7,840 | 1,570 |
| 1984 | * | | | | 1984 | 800 | 500 | 7,280 | 1,820 |
| SANTA CRUZ | | | | | YAVAPAI | | | | |
| 1980 | 800 | 0 | | | 1980 | 1,000 | 500 | 5,600 | 1,400 |
| 1981 | 1,700 | 500 | 4,840 | 1,210 | 1981 | 800 | 500 | 5,600 | 1,400 |
| 1982 | 800 | 300 | 6,480 | 970 | 1982 | 1,100 | 400 | 6,720 | 1,340 |
| 1983 | * | | | | 1983 | 800 | 500 | 5,600 | 1,400 |
| 1984 | * | | | | 1984 | 900 | 900 | 4,960 | 2,230 |
| YUMA 2/ | | | | | ARIZONA | | | | |
| 1980 | 0 | | | | 1980 | 50,000 | 35,000 | 5,600 | 98,000 |
| 1981 | 0 | | | | 1981 | 45,000 | 30,000 | 7,280 | 109,200 |
| 1982 | * | | | | 1982 | 30,000 | 18,000 | 7,390 | 66,530 |
| 1983 | * | | | | 1983 | 25,000 | 17,000 | 7,620 | 64,740 |
| 1984 | 600 | 600 | 10,000 | 3,000 | 1984 | 32,000 | 26,000 | 7,840 | 101,920 |

---

1/ Converted from 56 pound bushels and rounded.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CORN: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted for all purposes | FOR GRAIN | | | | |
|---|---|---|---|---|---|---|
| | | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
| | 1,000 acres | | Lbs. 2/ | Tons 2/ | Dol./ton 2/ | 1,000 dol. |
| 1980 | 50 | 35 | 5,600 | 98,000 | 139.30 | 13,650 |
| 1981 | 45 | 30 | 7,280 | 109,200 | 108.90 | 11,895 |
| 1982 | 30 | 18 | 7,390 | 66,530 | 115.70 | 7,698 |
| 1983 | 25 | 17 | 7,620 | 64,740 | 135.40 | 8,762 |
| 1984 | 32 | 26 | 7,840 | 101,920 | 114.30 | 11,648 |

1/ Average price for the September through August marketing season.
2/ Converted from 56 pound bushels and rounded.

CORN FOR SILAGE: Acreage, yield, and production, Arizona, 1980-84

| Year | Harvested | Yield per acre | Production |
|---|---|---|---|
| | 1,000 acres | Tons | 1,000 tons |
| 1980 | 14 | 21.0 | 294 |
| 1981 | 14 | 21.0 | 298 |
| 1982 | 12 | 23.0 | 276 |
| 1983 | 8 | 24.0 | 192 |
| 1984 | 6 | 25.0 | 150 |

OTHER FIELD CROPS: Acreage, production, and value, Arizona 1981-84

| Crop | Year | Harvested | Unit | Production | Value of production |
|---|---|---|---|---|---|
| | | Acres | | 1,000 | 1,000 dol. |
| DRY BEANS | 1981 | 9,510 | Lb. | 5,231 | 2,877 |
| | 1982 | 8,182 | | 4,500 | 2,025 |
| | 1983 | 900 | | 750 | 151 |
| | 1984 | 1,800 | | 1,450 | 305 |
| GUAR | 1981 | 7,500 | Lb. | 10,125 | 2,025 |
| | 1982 | 22,000 | | 31,900 | 6,380 |
| | 1983 | 0 | | | |
| | 1984 | 0 | | | |
| JOJOBA | 1982 | 1/ | Lb. | 150 | 375 |
| | 1983 | 1,000 | | 30 | 425 |
| | 1984 | 2,250 | | 126 | 675 |
| OATS FOR GRAIN | 1984 | 500 | Lb. | 3,000 | 205 |
| PEANUTS | 1981 | 450 | Lb. | 1,100 | 218 |
| | 1982 | 500 | | 1,500 | 200 |
| | 1983 | 680 | | 1,940 | 505 |
| | 1984 | 3,000 | | 7,734 | 1,934 |
| POPCORN | 1984 | 1,000 | Lb. | 6,500 | 715 |
| SAFFLOWER | 1981 | 1,500 | Ton | 1.7 | 518 |
| | 1982 | 4,600 | | 5.7 | 1,568 |
| | 1983 | 3,600 | | 3.4 | 850 |
| | 1984 | 6,100 | | 11.0 | 1,647 |
| SESAME | 1982 | 3,500 | Lb. | 1,750 | 875 |
| | 1983 | 5,500 | | 3,575 | 1,072 |
| | 1984 | 5,000 | | 6,250 | 1,813 |
| SUGARBEETS | 1981 | 12,600 | Ton | 300 | 10,110 |
| | 1982 | 12,800 | | 298 | 10,341 |
| | 1983 | 0 | | | |
| | 1984 | 0 | | | |
| MISCELLANEOUS 2/ | 1981 | 1,450 | | 1/ | |
| | 1982 | 1,770 | | 1/ | |
| | 1983 | 1,450 | | 1/ | |
| | 1984 | 0 | | | |

---

1/ Not available.

2/ Includes millet, soybeans, and oats prior to 1984.

Source: Statistics developed with the assistance of the Arizona Cooperative Extension Service and growers and dealers. Jojoba data from Jojoba Growers Association.

GRAIN STOCKS: Off farm storage facilities, Arizona, January 1981-85

| Year | Number of facilities | Storage capacity |
|---|---|---|
| | | Tons |
| 1981 | 31 | 765,500 |
| 1982 | 32 | 618,750 |
| 1983 | 34 | 706,500 |
| 1984 | 37 | 749,500 |
| 1985 | 37 | 824,000 |

HAY STOCKS: On farms, Arizona, 1980-May 1, 1985

| Year and month | Total stocks | Year and month | Total stocks | Year and month | Total stocks |
|---|---|---|---|---|---|
| | Tons | | Tons | | Tons |
| 1980 | | 1981 | | 1982 | |
| Jan. 1 | 164,000 | Jan. 1 | 365,000 | Jan. 1 | 207,000 |
| May 1 | 77,000 | May 1 | 25,000 | May 1 | 109,000 |
| 1983 | | 1984 | | 1985 | |
| Jan. 1 | 137,000 | Jan. 1 | 116,000 | Jan. 1 | 118,000 |
| May 1 | 19,000 | May 1 | 12,000 | May 1 | 71,000 |

GRAIN STOCKS: On farms and off farms, Arizona, quarterly, January 1, 1980-April 1, 1985

| Crop and year | On farms | Off farms 1/ | Total | Year | On farms | Off farms 1/ | Total |
|---|---|---|---|---|---|---|---|
| | | Tons | | | | Tons | |
| WHEAT | | | | | | | |
| 1980 | | | | 1981 | | | |
| Jan. 1 | 5,730 | 21,450 | 27,180 | Jan. 1 | 30,960 | 48,840 | 79,800 |
| Apr. 1 | 2,850 | 5,250 | 8,100 | Apr. 1 | 7,740 | 23,940 | 31,680 |
| June 1 | -- | 2,460 | 2,460 | June 1 | -- | 6,180 | 6,180 |
| Oct. 1 | 41,280 | 124,830 | 166,110 | Oct. 1 | 72,090 | 154,500 | 226,590 |
| 1982 | | | | 1983 | | | |
| Jan. 1 | 13,110 | 68,310 | 81,420 | Jan. 1 | 33,510 | 45,270 | 78,780 |
| Apr. 1 | 1,980 | 12,330 | 14,310 | Apr. 1 | 5,580 | 32,700 | 38,280 |
| June 1 | 1,320 | 8,370 | 9,690 | June 1 | 3,720 | 13,620 | 17,340 |
| Oct. 1 | 44,670 | 111,360 | 156,030 | Oct. 1 | 16,650 | 103,500 | 120,150 |
| 1984 | | | | 1985 | | | |
| Jan. 1 | 4,980 | 50,490 | 55,470 | Jan. 1 | 1,920 | 95,490 | 97,410 |
| Apr. 1 | 3,330 | 47,940 | 51,270 | Apr. 1 | 1,920 | 58,230 | 60,150 |
| June 1 | 990 | * | * | | | | |
| Oct. 1 | 15,330 | 127,500 | 142,830 | | | | |
| SORGHUM | | | | | | | |
| 1980 | | | | 1981 | | | |
| Jan. 1 | 7,448 | 100,492 | 107,940 | Jan. 1 | 5,824 | 73,248 | 79,072 |
| Apr. 1 | 2,492 | 88,900 | 91,392 | Apr. 1 | 2,912 | 73,332 | 76,244 |
| June 1 | 1,008 | 36,736 | 37,744 | June 1 | 588 | 27,888 | 28,476 |
| Oct. 1 | 392 | 24,500 | 24,892 | Oct. 1 | -- | 24,024 | 24,024 |
| 1982 | | | | 1983 | | | |
| Jan. 1 | 7,952 | 98,812 | 106,764 | Jan. 1 | 3,976 | 50,120 | 54,096 |
| Apr. 1 | 1,428 | 73,388 | 74,816 | Apr. 1 | 1,484 | 61,320 | 62,804 |
| June 1 | 672 | 36,456 | 37,128 | June 1 | 1,316 | 7,448 | 8,764 |
| Oct. 1 | 336 | 20,972 | 21,308 | Oct. 1 | 196 | 65,800 | 65,996 |
| 1984 | | | | 1985 | | | |
| Jan. 1 | 2,492 | 86,408 | 88,900 | Jan. 1 | 4,956 | 111,524 | 116,480 |
| Apr. 1 | 280 | 103,600 | 103,880 | Apr. 1 | 3,808 | 82,936 | 86,744 |
| June 1 | 140 | 79,800 | 79,940 | | | | |
| Oct. 1 | 140 | 15,400 | 15,540 | | | | |
| BARLEY | | | | | | | |
| 1980 | | | | 1981 | | | |
| Jan. 1 | 3,864 | 15,000 | 18,864 | Jan. 1 | 10,440 | 18,024 | 28,464 |
| Apr. 1 | 1,560 | 10,224 | 11,784 | Apr. 1 | 4,176 | 10,032 | 14,208 |
| June 1 | -- | 3,264 | 3,264 | June 1 | 120 | 4,680 | 4,800 |
| Oct. 1 | 15,672 | 41,616 | 57,288 | Oct. 1 | 7,944 | 50,160 | 58,104 |
| 1982 | | | | 1983 | | | |
| Jan. 1 | 2,376 | 24,552 | 26,928 | Jan. 1 | 4,560 | 23,544 | 28,104 |
| Apr. 1 | 792 | 9,144 | 9,936 | Apr. 1 | 264 | 16,176 | 16,440 |
| June 1 | 72 | 5,280 | 5,352 | June 1 | 192 | 4,944 | 5,136 |
| Oct. 1 | 9,120 | 40,392 | 49,512 | Oct. 1 | 5,400 | 66,000 | 71,400 |
| 1984 | | | | 1985 | | | |
| Jan. 1 | 336 | 34,416 | 34,752 | Jan. 1 | 1,296 | 19,488 | 20,784 |
| Apr. 1 | 264 | 17,976 | 18,240 | Apr. 1 | 1,296 | 8,544 | 9,840 |
| June 1 | 192 | * | * | | | | |
| Oct. 1 | 7,704 | 28,800 | 36,504 | | | | |

See footnotes at end of table

Continued

GRAIN STOCKS: On farms and off farms, Arizona, quarterly, January 1, 1980-April 1, 1985 (Continued)

| Crop and year | On farms | Off farms 1/ | Total | Year | On farms | Off farms 1/ | Total |
|---|---|---|---|---|---|---|---|
| | | Tons | | | | Tons | |
| CORN | | | | | | | |
| 1980 | | | | 1981 | | | |
| Jan. 1 | 72,464 | 45,444 | 117,908 | Jan. 1 | 19,600 | 59,612 | 79,212 |
| Apr. 1 | 21,728 | 25,900 | 47,628 | Apr. 1 | 5,880 | 33,908 | 39,788 |
| June 1 | 10,136 | 17,416 | 27,552 | June 1 | 980 | 20,972 | 21,952 |
| Oct. 1 | 2,184 | * | * | Oct. 1 | -- | 8,988 | 8,988 |
| 1982 | | | | 1983 | | | |
| Jan. 1 | 32,760 | 54,208 | 86,968 | Jan. 1 | 7,308 | 96,040 | 103,348 |
| Apr. 1 | 3,276 | 37,996 | 41,272 | Apr. 1 | 2,324 | 95,060 | 97,384 |
| June 1 | 2,520 | 33,936 | 36,456 | June 1 | 1,988 | 75,488 | 77,476 |
| Oct. 1 | 1,848 | * | * | Oct. 1 | 336 | * | * |
| 1984 | | | | 1985 | | | |
| Jan. 1 | 2,576 | 46,200 | 48,776 | Jan. 1 | 2,044 | 30,324 | 32,368 |
| Apr. 1 | 1,288 | 23,800 | 25,088 | Apr. 1 | 3,052 | 12,152 | 15,204 |
| June 1 | 980 | 11,900 | 12,880 | | | | |
| Oct. 1 | 644 | 3,920 | 4,564 | | | | |
| OATS | | | | | | | |
| 1980 | | | | 1981 | | | |
| Jan. 1 | -- | 1,968 | 1,968 | Jan. 1 | -- | * | * |
| Apr. 1 | -- | 1,552 | 1,552 | Apr. 1 | -- | 384 | 384 |
| June 1 | -- | 800 | 800 | June 1 | -- | * | * |
| Oct. 1 | -- | 1,312 | 1,312 | Oct. 1 | -- | 3,056 | 3,056 |
| 1982 | | | | 1983 | | | |
| Jan. 1 | -- | 2,688 | 2,688 | Jan. 1 | -- | * | * |
| Apr. 1 | -- | * | * | Apr. 1 | -- | 2,752 | 2,752 |
| June 1 | -- | 816 | 816 | June 1 | -- | 2,128 | 2,128 |
| Oct. 1 | -- | 7,184 | 7,184 | Oct. 1 | -- | 2,400 | 2,400 |
| 1984 | | | | 1985 | | | |
| Jan. 1 | -- | 1,440 | 1,440 | Jan. 1 | -- | 1,120 | 1,120 |
| Apr. 1 | -- | 1,168 | 1,168 | Apr. 1 | -- | 2,080 | 2,080 |
| June 1 | -- | * | * | | | | |
| Oct. 1 | -- | 1,200 | 1,200 | | | | |

---

1/ Includes stocks at mills, elevators, warehouse, terminals, and processors.

* Not published to avoid disclosing individual operations.

# VEGETABLES, MELONS & POTATOES

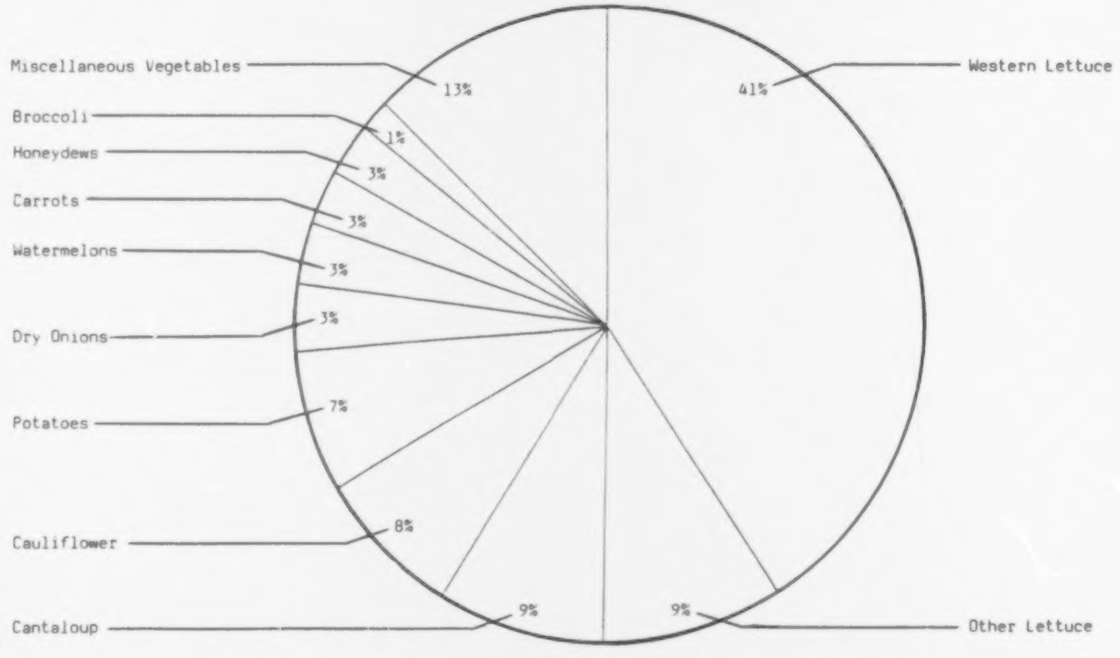
Area in production for the 9 principal vegetables (including potatoes) in Arizona during 1984 totaled 73,200 acres, up nearly 8 percent from the previous year and 23 percent above 1982. This acreage includes the area planted for the 1983-84 crop year for "western" lettuce, carrots, cauliflower, and broccoli. Other principal vegetables are for the calender year. Area planted to iceberg lettuce accounted for much of the increase, up 1,100 acres in the "western" area and 1,500 in "other" areas. Onion, broccoli, cantaloup, and potato acreage also increased during 1984. Only carrots and honeydew melons recorded acreage decreases during this time.

As shown in the chart below, lettuce accounted for 50 percent of total value generated by vegetable crops in the State. This is down from 57 percent a year ago, primarily the result of 3,600 acres of 'other' lettuce abandoned due to low prices in the spring period. In terms of total value of production, other major vegetables produced include cantaloup, cauliflower, and potatoes.

Season average prices received for the principal vegetables produced in Arizona were quite mixed compared with year-earlier levels. Carrots increased nearly 50 percent to $14.80 per cwt., and potatoes were up 36 percent to $9.20 per cwt. Conversely, prices received for other lettuce dropped 30 percent to $9.50 per cwt. for the season.

A number of other vegetables together account for a significant portion of total vegetable acreage and production in the State. The estimated value of production from these crops during 1984 totaled $27.0 million, down 15 percent from 1983.

VEGETABLES, MELONS, AND POTATOES,
VALUE OF PRODUCTION, 1983/84 SEASON
ARIZONA



WESTERN LETTUCE: Acreage, yield, and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Yield per acre | Production | County and crop year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| LA PAZ 1/ | | | | YUMA 1/ | | | |
| | | | | 1979/80 | 31,100 | 230 | 7,153 |
| | | | | 1980/81 | 24,900 | 295 | 7,346 |
| | | | | 1981/82 | 22,900 | 297 | 7,487 |
| 1982/83 | 2,900 | 345 | 1,000 | 1982/83 | 26,100 | 303 | 7,900 |
| 1983/84 | 4,200 | 268 | 1,124 | 1983/84 | 25,900 | 290 | 7,500 |

1/ La Paz County created from Yuma County in 1983.

WESTERN LETTUCE: Acreage, yield, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1979/80 | 31,100 | 31,100 | 230 | 7,153 | 7.82 | 55,936 |
| 1980/81 | 24,900 | 24,900 | 295 | 7,346 | 9.29 | 68,244 |
| 1981/82 | 22,900 | 22,900 | 327 | 7,487 | 16.70 | 124,867 |
| 1982/83 | 29,000 | 29,000 | 307 | 8,900 | 9.23 | 82,114 |
| 1983/84 | 30,100 | 30,100 | 287 | 8,624 | 10.20 | 87,905 |

1/ Average price for the November through April marketing season.

WESTERN LETTUCE: Monthly and season average prices received by growers, Arizona, 1979/80-1983/84

| Crop year | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | Season average |
|---|---|---|---|---|---|---|---|
| | | | Dollars per cwt. | | | | |
| 1979/80 | -- | -- | 6.14 | 7.11 | 9.65 | 17.10 | 7.82 |
| 1980/81 | 12.00 | 7.75 | 8.80 | 8.69 | 10.30 | 8.70 | 9.29 |
| 1981/82 | 13.60 | 20.80 | 28.10 | 10.80 | 12.70 | 23.60 | 16.70 |
| 1982/83 | 15.20 | 11.60 | 8.44 | 6.42 | 7.42 | 11.10 | 9.23 |
| 1983/84 | 15.20 | 14.10 | 7.61 | 8.93 | 8.37 | 5.96 | 10.20 |

OTHER LETTUCE, SPRING: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | MARICOPA | | | |
| 1980 | 820 | 222 | 182 | 1980 | 2,160 | 344 | 744 |
| 1981 | 720 | 322 | 232 | 1981 | 2,830 | 313 | 886 |
| 1982 | 1,050 | 369 | 387 | 1982 | 2,800 | 419 | 1,172 |
| 1983 | 1,120 | 339 | 380 | 1983 | 3,280 | 310 | 1,017 |
| 1984 | 820 | 216 | 177 | 1984 | 1,910 | 406 | 776 |
| PIMA | | | | PINAL | | | |
| 1980 | 530 | 313 | 166 | 1980 | 790 | 305 | 241 |
| 1981 | 500 | 354 | 177 | 1981 | 750 | 353 | 265 |
| 1982 | 350 | 383 | 134 | 1982 | 500 | 422 | 211 |
| 1983 | 430 | 281 | 121 | 1983 | 870 | 286 | 249 |
| 1984 | 400 | 270 | 108 | 1984 | 570 | 281 | 160 |

1/ "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

OTHER LETTUCE, SPRING: Acreage, yield, production, price, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 2/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 4,300 | 4,300 | 310 | 1,333 | 14.40 | 19,195 |
| 1981 | 4,800 | 4,800 | 325 | 1,560 | 9.63 | 15,023 |
| 1982 | 4,700 | 4,700 | 405 | 1,904 | 14.30 | 27,227 |
| 1983 | 5,700 | 5,700 | 310 | 1,767 | 13.00 | 22,971 |
| 1984 | 7,300 | 3,700 | 330 | 1,221 | 6.37 | 7,778 |

1/ "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.
2/ Average price for March through June marketing season.

OTHER LETTUCE, FALL: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | MARICOPA | | | |
| 1980 | 1,160 | 219 | 254 | 1980 | 2,290 | 238 | 544 |
| 1981 | 890 | 210 | 187 | 1981 | 1,990 | 204 | 405 |
| 1982 | 1,000 | 260 | 260 | 1982 | 2,650 | 285 | 755 |
| 1983 | 1,340 | 209 | 280 | 1983 | 2,380 | 206 | 490 |
| 1984 | 1,170 | 168 | 197 | 1984 | 2,460 | 197 | 484 |
| PIMA | | | | PINAL | | | |
| 1980 | 220 | 227 | 50 | 1980 | 330 | 218 | 72 |
| 1981 | 250 | 232 | 58 | 1981 | 370 | 230 | 85 |
| 1982 | 300 | 240 | 72 | 1982 | 750 | 212 | 159 |
| 1983 | 300 | 210 | 63 | 1983 | 580 | 229 | 133 |
| 1984 | 190 | 153 | 29 | 1984 | 680 | 181 | 123 |

1/ "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.

OTHER LETTUCE, FALL: Acreage, yield, production, price, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 2/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 4,000 | 4,000 | 230 | 920 | 11.30 | 10,396 |
| 1981 | 3,500 | 3,500 | 210 | 735 | 12.60 | 9,261 |
| 1982 | 4,700 | 4,700 | 265 | 1,246 | 12.30 | 15,326 |
| 1983 | 4,600 | 4,600 | 210 | 966 | 14.80 | 14,297 |
| 1984 | 4,500 | 4,500 | 185 | 833 | 14.10 | 11,745 |

1/ "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.
2/ Average price for the September through December marketing season.

ALL OTHER LETTUCE: Acreage, yield, production, price, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 2/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 8,300 | 8,300 | 271 | 2,253 | 13.10 | 29,591 |
| 1981 | 8,300 | 8,300 | 277 | 2,295 | 10.60 | 24,284 |
| 1982 | 9,400 | 9,400 | 335 | 3,150 | 13.50 | 42,553 |
| 1983 | 10,300 | 10,300 | 265 | 2,733 | 13.60 | 37,268 |
| 1984 | 11,800 | 8,200 | 250 | 2,054 | 9.50 | 19,523 |

1/ "Other lettuce" refers to lettuce produced in all areas of the state except Yuma and La Paz counties.
2/ Average price for the March through June and September through December marketing seasons.

ALL OTHER LETTUCE: Monthly and season average prices received by growers, Arizona, 1980-84

| Crop year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Season average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Dollars per cwt. | | | | | | | | | | | | |
| 1980 | -- | -- | 17.60 | 14.70 | 11.90 | 7.40 | -- | -- | -- | 9.62 | 13.20 | 8.01 | 13.10 |
| 1981 | -- | -- | 11.40 | 8.15 | 13.70 | 8.90 | -- | -- | -- | 8.83 | 10.00 | 18.90 | 10.60 |
| 1982 | -- | -- | 20.20 | 14.40 | 10.90 | 10.10 | -- | -- | -- | 9.48 | 14.60 | 11.80 | 13.50 |
| 1983 | 11.30 | -- | 7.78 | 12.10 | 12.90 | 17.50 | -- | -- | -- | 16.10 | 15.00 | 13.30 | 13.60 |
| 1984 | 8.04 | 11.20 | 6.57 | 5.96 | 6.36 | 7.45 | -- | -- | -- | 22.60 | 7.50 | 8.08 | 9.50 |

SPRING CARROTS: Acreage, yield, and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Yield per acre | Production | County and crop year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | MARICOPA | | | |
| 1979/80 | * | | | 1979/80 | 1,750 | 137 | 239 |
| 1980/81 | 0 | | | 1980/81 | 1,630 | 137 | 223 |
| 1981/82 | 200 | 160 | 32 | 1981/82 | 2,400 | 173 | 416 |
| 1982/83 | 420 | 155 | 65 | 1982/83 | 2,700 | 176 | 474 |
| 1983/84 | * | | | 1983/84 | 2,500 | 136 | 340 |
| PINAL | | | | YAVAPAI | | | |
| 1979/80 | 100 | 130 | 13 | 1979/80 | 100 | 150 | 15 |
| 1980/81 | 270 | 130 | 35 | 1980/81 | 0 | | |
| 1981/82 | * | | | 1981/82 | * | | |
| 1982/83 | * | | | 1982/83 | * | | |
| 1983/84 | * | | | 1983/84 | 0 | | |
| YUMA | | | | | | | |
| 1979/80 | * | | | | | | |
| 1980/81 | 0 | | | | | | |
| 1981/82 | * | | | | | | |
| 1982/83 | * | | | | | | |
| 1983/84 | 0 | | | | | | |

---

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING CARROTS: Acreage, yield, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1979/80 | 2,000 | 2,000 | 138 | 275 | 8.13 | 2,235 |
| 1980/81 | 1,900 | 1,900 | 136 | 258 | 13.20 | 3,407 |
| 1981/82 | 2,650 | 2,650 | 169 | 449 | 12.80 | 5,743 |
| 1982/83 | 3,170 | 3,170 | 174 | 550 | 9.88 | 5,435 |
| 1983/84 | 3,000 | 2,900 | 134 | 390 | 14.80 | 5,787 |

1/ Average price for the December through June marketing season.

SPRING CARROTS: Monthly and season average prices received by growers, Arizona, 1979/80-1983/84

| Crop year | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Season average |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dollars per cwt. | | | | |
| 1979/80 | 9.20 | 10.00 | 7.60 | 6.90 | 7.14 | 7.85 | 10.20 | -- | 8.13 |
| 1980/81 | 16.30 | 13.50 | 13.10 | 11.10 | 10.30 | 14.50 | 12.50 | -- | 13.20 |
| 1981/82 | 12.10 | 14.50 | 14.70 | 14.10 | 13.20 | 13.10 | 9.36 | 9.30 | 12.80 |
| 1982/83 | 9.25 | 15.20 | 14.00 | 10.10 | 8.53 | 8.33 | 8.60 | -- | 9.88 |
| 1983/84 | 16.10 | 16.90 | 21.30 | 16.40 | 16.80 | 9.68 | 9.61 | -- | 14.80 |

DRY ONIONS: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | LA PAZ 1/ | | | |
| 1980 | 0 | | | 1980 | | | |
| 1981 | 0 | | | 1981 | | | |
| 1982 | * | | | 1982 | | | |
| 1983 | 200 | 230 | 46 | 1983 | 0 | | |
| 1984 | 220 | 200 | 44 | 1984 | 280 | 179 | 50 |
| MARICOPA | | | | PINAL | | | |
| 1980 | 900 | 470 | 423 | 1980 | 150 | 433 | 65 |
| 1981 | 1,000 | 489 | 489 | 1981 | 0 | | |
| 1982 | 1,300 | 525 | 683 | 1982 | * | | |
| 1983 | 1,350 | 435 | 587 | 1983 | * | | |
| 1984 | 1,700 | 400 | 680 | 1984 | * | | |
| YUMA 1/ | | | | | | | |
| 1980 | 350 | 386 | 135 | | | | |
| 1981 | 100 | 230 | 23 | | | | |
| 1982 | 200 | 490 | 98 | | | | |
| 1983 | * | | | | | | |
| 1984 | * | | | | | | |

1/ La Paz County created from Yuma County in 1983.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DRY ONIONS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 1,400 | 1,400 | 445 | 623 | 9.43 | 5,874 |
| 1981 | 1,100 | 1,100 | 465 | 512 | 17.00 | 8,704 |
| 1982 | 1,700 | 1,700 | 515 | 876 | 7.88 | 6,899 |
| 1983 | 1,700 | 1,600 | 410 | 656 | 8.06 | 5,287 |
| 1984 | 2,400 | 2,300 | 350 | 805 | 9.15 | 7,366 |

1/ Average price for the May through June marketing season.

DRY ONIONS: Monthly and season average prices received by growers, Arizona, 1980-84

| Year | April | May | June | July | Season average |
|---|---|---|---|---|---|
| | | | Dollars per cwt. | | |
| 1980 | -- | 12.10 | 9.10 | -- | 9.43 |
| 1981 | -- | 17.30 | 15.60 | -- | 17.00 |
| 1982 | -- | 8.80 | 7.60 | -- | 7.88 |
| 1983 | -- | 8.02 | 7.71 | 10.20 | 8.06 |
| 1984 | 14.40 | 9.54 | 8.57 | -- | 9.15 |

BROCCOLI: Acreage, yield, and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Yield per acre | Production | County and crop year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| LA PAZ 1/ | | | | MARICOPA | | | |
| 1979/80 | | | | 1979/80 | 650 | 68 | 44 |
| 1980/81 | | | | 1980/81 | 700 | 71 | 50 |
| 1981/82 | | | | 1981/82 | 850 | 76 | 65 |
| 1982/83 | 0 | | | 1982/83 | 950 | 73 | 69 |
| 1983/84 | * | | | 1983/84 | 850 | 68 | 58 |
| YUMA 1/ | | | | | | | |
| 1979/80 | 0 | | | | | | |
| 1980/81 | 0 | | | | | | |
| 1981/82 | 0 | | | | | | |
| 1982/83 | 0 | | | | | | |
| 1983/84 | * | | | | | | |

---

1/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BROCCOLI: Acreage, yield, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1979/80 | 650 | 650 | 68 | 44 | 29.30 | 1,287 |
| 1980/81 | 700 | 700 | 71 | 50 | 28.00 | 1,402 |
| 1981/82 | 850 | 850 | 76 | 65 | 33.10 | 2,150 |
| 1982/83 | 950 | 950 | 73 | 69 | 27.40 | 1,889 |
| 1983/84 | 1,300 | 1,300 | 76 | 99 | 28.00 | 2,774 |

1/ Average price for the December through April marketing season.

CAULIFLOWER: Acreage, yield, and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Yield per acre | Production | County and crop year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| MARICOPA | | | | YUMA | | | |
| 1979/80 | 550 | 82 | 45 | 1979/80 | 1,400 | 114 | 160 |
| 1980/81 | 530 | 96 | 51 | 1980/81 | 1,870 | 117 | 219 |
| 1981/82 | 400 | 115 | 46 | 1981/82 | 1,600 | 148 | 237 |
| 1982/83 | 600 | 95 | 57 | 1982/83 | 3,000 | 124 | 372 |
| 1983/84 | 500 | 88 | 44 | 1983/84 | 3,500 | 121 | 424 |

CAULIFLOWER: Acreage, yield, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1979/80 | 1,950 | 1,950 | 105 | 205 | 37.10 | 8,015 |
| 1980/81 | 2,400 | 2,400 | 113 | 270 | 34.80 | 9,408 |
| 1981/82 | 2,000 | 2,000 | 142 | 283 | 39.30 | 11,114 |
| 1982/83 | 3,600 | 3,600 | 119 | 429 | 35.50 | 15,223 |
| 1983/84 | 4,000 | 4,000 | 117 | 468 | 35.90 | 16,809 |

1/ Average price for the November through April marketing season.

WATERMELONS: Acreage, yield, and production, Arizona, by counties, 1980-84 1/

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | LA PAZ 2/ | | | |
| 1980 | 750 | 92 | 69 | | | | |
| 1981 | 750 | 61 | 46 | | | | |
| 1982 | 450 | 113 | 51 | | | | |
| 1983 | 210 | 67 | 14 | 1983 | * | | |
| 1984 | 100 | 110 | 11 | 1984 | * | | |
| MARICOPA | | | | MOHAVE | | | |
| 1980 | 1,700 | 194 | 330 | 1980 | 0 | | |
| 1981 | 1,690 | 240 | 405 | 1981 | 0 | | |
| 1982 | 2,300 | 282 | 649 | 1982 | 100 | 220 | 22 |
| 1983 | 2,940 | 237 | 697 | 1983 | * | | |
| 1984 | 2,450 | 287 | 704 | 1984 | * | | |
| PINAL | | | | YUMA 2/ | | | |
| 1980 | 500 | 192 | 96 | 1980 | 450 | 171 | 77 |
| 1981 | 400 | 223 | 89 | 1981 | 760 | 183 | 139 |
| 1982 | 950 | 273 | 259 | 1982 | 1,400 | 226 | 316 |
| 1983 | 490 | 204 | 100 | 1983 | 320 | 272 | 87 |
| 1984 | 1,320 | 264 | 349 | 1984 | 520 | 221 | 115 |

---

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are not available.

2/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

WATERMELONS: Acreage, yield, production, price, and value, Arizona, 1980-84 1/

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 2/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 3,400 | 3,400 | 168 | 572 | 6.35 | 3,632 |
| 1981 | 3,600 | 3,600 | 189 | 679 | 7.98 | 5,418 |
| 1982 | 5,200 | 5,200 | 249 | 1,297 | 4.00 | 5,188 |
| 1983 | 4,300 | 4,200 | 227 | 952 | 5.85 | 5,569 |
| 1984 | 4,700 | 4,650 | 260 | 1,211 | 5.42 | 6,564 |

---

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are not available.

2/ Average price for the May through July and September through November marketing season.

SPRING HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| LA PAZ 1/ | | | | MARICOPA | | | |
| | | | | 1980 | 100 | 100 | 10 |
| | | | | 1981 | 50 | 160 | 8 |
| | | | | 1982 | 250 | 216 | 54 |
| 1983 | 1,450 | 98 | 142 | 1983 | 110 | 173 | 19 |
| 1984 | 1,100 | 182 | 200 | 1984 | 140 | 157 | 22 |
| MOHAVE | | | | PINAL | | | |
| 1980 | 550 | 142 | 78 | 1980 | 0 | | |
| 1981 | 1,400 | 179 | 250 | 1981 | * | | |
| 1982 | 500 | 130 | 65 | 1982 | * | | |
| 1983 | 530 | 100 | 53 | 1983 | * | | |
| 1984 | 360 | 50 | 18 | 1984 | * | | |
| YUMA 1/ | | | | | | | |
| 1980 | 550 | 156 | 86 | | | | |
| 1981 | * | | | | | | |
| 1982 | 2,000 | 116 | 231 | | | | |
| 1983 | * | | | | | | |
| 1984 | * | | | | | | |

---

1/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING HONEYDEWS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 1,200 | 1,200 | 145 | 174 | 10.40 | 1,810 |
| 1981 | 1,500 | 1,500 | 177 | 265 | 12.90 | 3,422 |
| 1982 | 2,750 | 2,750 | 127 | 350 | 9.76 | 3,415 |
| 1983 | 2,100 | 2,100 | 102 | 214 | 15.70 | 3,366 |
| 1984 | 1,900 | 1,700 | 133 | 226 | 14.80 | 3,341 |

---

1/ Average price for the June through July marketing season.

FALL HONEYDEWS: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| LA PAZ 1/ | | | | MARICOPA | | | |
| | | | | 1980 | 200 | 150 | 30 |
| | | | | 1981 | 300 | 90 | 27 |
| | | | | 1982 | 400 | 133 | 53 |
| 1983 | 160 | 94 | 15 | 1983 | 290 | 100 | 29 |
| 1984 | * | | | 1984 | 160 | 106 | 17 |
| MOHAVE | | | | PINAL | | | |
| 1980 | 0 | | | 1980 | 0 | | |
| 1981 | 100 | 110 | 11 | 1981 | 0 | | |
| 1982 | 0 | | | 1982 | 0 | | |
| 1983 | 250 | 88 | 22 | 1983 | 0 | | |
| 1984 | 0 | | | 1984 | * | | |
| YUMA 1/ | | | | | | | |
| 1980 | 200 | 180 | 36 | | | | |
| 1981 | 400 | 105 | 42 | | | | |
| 1982 | 350 | 100 | 35 | | | | |
| 1983 | 0 | | | | | | |
| 1984 | 0 | | | | | | |

---

1/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

FALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 400 | 400 | 165 | 66 | 7.41 | 489 |
| 1981 | 800 | 800 | 100 | 80 | 14.60 | 1,167 |
| 1982 | 750 | 750 | 117 | 88 | 13.90 | 1,228 |
| 1983 | 700 | 700 | 94 | 66 | 13.90 | 918 |
| 1984 | 300 | 300 | 180 | 54 | 37.20 | 2,007 |

---

1/ Average price for the October through November marketing season.

ALL HONEYDEWS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 1,600 | 1,600 | 150 | 240 | 9.58 | 2,299 |
| 1981 | 2,300 | 2,300 | 150 | 345 | 13.30 | 4,589 |
| 1982 | 3,500 | 3,500 | 125 | 438 | 10.60 | 4,643 |
| 1983 | 2,800 | 2,800 | 100 | 280 | 15.30 | 4,284 |
| 1984 | 2,200 | 2,000 | 140 | 280 | 19.10 | 5,348 |

---

1/ Average price for the June through July and October through November marketing seasons.

ALL HONEYDEWS: Monthly and season average prices received by growers, Arizona, 1980-84

| Year | June | July | Aug. | Sept. | Oct. | Nov. | Season average |
|---|---|---|---|---|---|---|---|
| | | | | Dollars per cwt. | | | |
| 1980 | 12.50 | 10.10 | -- | -- | 7.06 | 7.83 | 9.58 |
| 1981 | 12.40 | 13.20 | -- | -- | 15.50 | 17.30 | 13.30 |
| 1982 | 10.80 | 9.82 | -- | -- | 10.90 | 15.10 | 10.60 |
| 1983 | 17.50 | 15.00 | -- | -- | 12.60 | 11.70 | 15.30 |
| 1984 | 16.10 | 13.60 | -- | -- | 39.60 | 24.30 | 19.10 |

SUMMER CANTALOUPS: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production |
|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. |
| LA PAZ 1/ | | | |
| 1983 | 1,570 | 276 | 434 |
| 1984 | 3,660 | 131 | 479 |
| MOHAVE | | | |
| 1980 | 0 | | |
| 1981 | 0 | | |
| 1982 | 0 | | |
| 1983 | 0 | | |
| 1984 | * | | |
| YUMA 1/ | | | |
| 1980 | 1,700 | 163 | 277 |
| 1981 | 2,200 | 193 | 424 |
| 1982 | 2,250 | 197 | 443 |
| 1983 | 880 | 278 | 245 |
| 1984 | * | | |
| MARICOPA | | | |
| 1980 | 2,900 | 155 | 448 |
| 1981 | 2,050 | 153 | 314 |
| 1982 | 3,050 | 156 | 477 |
| 1983 | 2,750 | 135 | 371 |
| 1984 | 2,730 | 165 | 451 |
| PINAL | | | |
| 1980 | 0 | | |
| 1981 | 50 | 140 | 7 |
| 1982 | 250 | 140 | 35 |
| 1983 | 150 | 133 | 20 |
| 1984 | 130 | 162 | 21 |

---

1/ La Paz County created from Yuma County in 1983.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SUMMER CANTALOUPS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 4,600 | 4,600 | 158 | 725 | 17.00 | 12,332 |
| 1981 | 4,300 | 4,300 | 173 | 745 | 17.80 | 13,226 |
| 1982 | 5,550 | 5,550 | 172 | 955 | 13.60 | 12,988 |
| 1983 | 5,350 | 5,350 | 200 | 1,070 | 17.50 | 18,725 |
| 1984 | 6,750 | 6,750 | 145 | 981 | 14.70 | 14,421 |

---

1/ Average price for the May through July marketing season.

FALL CANTALOUPS: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | LA PAZ 1/ | | | |
| 1980 | 0 | | | | | | |
| 1981 | 0 | | | | | | |
| 1982 | 50 | 60 | 3 | | | | |
| 1983 | 0 | | | 1983 | 180 | 61 | 11 |
| 1984 | 0 | | | 1984 | 0 | | |
| MARICOPA | | | | PINAL | | | |
| 1980 | 1,900 | 96 | 182 | 1980 | 0 | | |
| 1981 | 900 | 126 | 113 | 1981 | 0 | | |
| 1982 | 700 | 97 | 68 | 1982 | 50 | 100 | 5 |
| 1983 | 1,000 | 86 | 86 | 1983 | 120 | 83 | 10 |
| 1984 | 1,450 | 99 | 143 | 1984 | 100 | 80 | 8 |
| YUMA 1/ | | | | | | | |
| 1980 | 0 | | | | | | |
| 1981 | 0 | | | | | | |
| 1982 | 150 | 80 | 12 | | | | |
| 1983 | 0 | | | | | | |
| 1984 | 0 | | | | | | |

1/ La Paz County created from Yuma County in 1983.

FALL CANTALOUPS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 1,900 | 1,900 | 96 | 182 | 10.50 | 1,912 |
| 1981 | 900 | 900 | 126 | 113 | 11.90 | 1,345 |
| 1982 | 950 | 950 | 93 | 88 | 11.80 | 1,038 |
| 1983 | 1,450 | 1,300 | 82 | 107 | 17.90 | 1,915 |
| 1984 | 1,550 | 1,550 | 97 | 151 | 23.80 | 3,594 |

1/ Average price for the October through November marketing season.

ALL CANTALOUPS: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 6,500 | 6,500 | 140 | 907 | 15.70 | 14,244 |
| 1981 | 5,200 | 5,200 | 165 | 858 | 17.00 | 14,571 |
| 1982 | 6,500 | 6,500 | 160 | 1,043 | 13.40 | 14,026 |
| 1983 | 6,800 | 6,650 | 177 | 1,177 | 17.50 | 20,640 |
| 1984 | 8,300 | 8,300 | 136 | 1,132 | 15.90 | 18,015 |

1/ Average price for the May through July and October through November marketing seasons.

SPRING POTATOES: Acreage, yield, and production, Arizona, by counties, 1980-84

| County and year | Harvested | Yield per acre | Production | County and year | Harvested | Yield per acre | Production |
|---|---|---|---|---|---|---|---|
| | Acres | Cwt. | 1,000 cwt. | | Acres | Cwt. | 1,000 cwt. |
| COCHISE | | | | MARICOPA | | | |
| 1980 | 0 | | | 1980 | 4,400 | 290 | 1,276 |
| 1981 | 0 | | | 1981 | 5,200 | 280 | 1,456 |
| 1982 | 0 | | | 1982 | 4,700 | 305 | 1,434 |
| 1983 | 0 | | | 1983 | 4,900 | 260 | 1,274 |
| 1984 | * | | | 1984 | 4,960 | 308 | 1,527 |
| NAVAJO | | | | | | | |
| 1980 | 0 | | | | | | |
| 1981 | 0 | | | | | | |
| 1982 | 0 | | | | | | |
| 1983 | 0 | | | | | | |
| 1984 | * | | | | | | |

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING POTATOES: Acreage, yield, production, price, and value, Arizona, 1980-84

| Year | Planted | Harvested | Yield per harvested acre | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|---|---|
| | Acres | | Cwt. | 1,000 cwt. | Dol./cwt. | 1,000 dol. |
| 1980 | 4,400 | 4,400 | 290 | 1,276 | 5.25 | 6,699 |
| 1981 | 5,200 | 5,200 | 280 | 1,456 | 7.55 | 10,993 |
| 1982 | 4,700 | 4,700 | 305 | 1,434 | 6.55 | 9,393 |
| 1983 | 4,900 | 4,900 | 260 | 1,274 | 6.75 | 8,600 |
| 1984 | 5,400 | 5,400 | 305 | 1,647 | 9.20 | 15,152 |

1/ Average price for the April through July marketing season.

SPRING POTATOES: Monthly and season average prices received by growers, Arizona, 1980-84 1/

| Year | April | May | June | July | August | Season average |
|---|---|---|---|---|---|---|
| | | | Dollars cwt. | | | |
| 1980 | -- | 5.70 | 4.90 | -- | -- | 5.25 |
| 1981 | 12.40 | 9.15 | 6.20 | 5.90 | -- | 7.55 |
| 1982 | 8.10 | 8.20 | 5.60 | 4.85 | -- | 6.55 |
| 1983 | -- | 7.80 | 6.10 | -- | -- | 6.75 |
| 1984 | 12.30 | 11.00 | 7.75 | 5.00 | 5.00 | 9.20 |

1/ Includes fresh market and processed potato prices.

OTHER VEGETABLES: Acres, production, and value, Arizona, 1981-84

| Crop | Year | Harvested acres 1/ | Unit | Production 1/ | Value of production 2/ |
|---|---|---|---|---|---|
| | | Acres | | 1,000 | 1,000 dol. |
| BEETS | 1981 | 64 | 35 lb. Carton | 37,321 | 187 |
| | 1982 | 72 | | 13,959 | 70 |
| | 1983 | 90 | | 33,307 | 165 |
| | 1984 | 72 | | 35,756 | 215 |
| BOK CHOY | 1981 | 34 | 35 lb. Carton | 13,007 | 81 |
| | 1982 | 49 | | 14,828 | 77 |
| | 1983 | 43 | | 36,243 | 270 |
| | 1984 | 71 | | 47,632 | 381 |
| CABBAGE | 1981 | 1,054 | 50 lb. Carton | 244,303 | 1,065 |
| | 1982 | 768 | | 400,995 | 1,311 |
| | 1983 | 957 | | 385,519 | 1,181 |
| | 1984 | 1,222 | | 423,364 | 1,482 |
| ENDIVE | 1981 | 93 | 25 lb. Carton | 31,302 | 125 |
| | 1982 | 87 | | 35,619 | 104 |
| | 1983 | 67 | | 36,813 | 148 |
| | 1984 | 79 | | 25,215 | 202 |
| ESCAROLE | 1981 | 46 | 50 lb. Carton | 9,684 | 39 |
| | 1982 | 48 | | 6,651 | 20 |
| | 1983 | 38 | | 5,787 | 24 |
| | 1984 | 47 | | 3,537 | 28 |
| GARLIC | 1981 | 20 | Ton | 68 | 7 |
| | 1982 | 543 | | 3,893 | 280 |
| | 1983 | 4 | | 3/ | 1 |
| | 1984 | 2 | | 3/ | 1 |
| GREENS | 1981 | 1,798 | 25 lb. Carton | 1,713,067 | 6,852 |
| | 1982 | 1,629 | | 1,794,713 | 3,630 |
| | 1983 | 1,896 | | 1,551,874 | 6,456 |
| | 1984 | 1,982 | | 1,793,815 | 6,278 |
| LETTUCE, BOSTON | 1981 | 105 | 35 lb. Carton | 18,700 | 70 |
| | 1982 | 91 | | 13,671 | 52 |
| | 1983 | 131 | | 4,382 | 20 |
| | 1984 | 172 | | 19,539 | 117 |
| LETTUCE, LEAF | 1981 | 600 | 35 lb. Carton | 292,034 | 1,022 |
| | 1982 | 550 | | 360,227 | 1,324 |
| | 1983 | 681 | | 463,661 | 2,320 |
| | 1984 | 824 | | 450,198 | 3,078 |
| LETTUCE, ROMAINE | 1981 | 279 | 35 lb. Carton | 171,329 | 687 |
| | 1982 | 259 | | 234,847 | 1,180 |
| | 1983 | 490 | | 404,251 | 2,828 |
| | 1984 | 755 | | 444,415 | 1,555 |
| ONIONS, GREEN | 1981 | 2,362 | 18 lb. Carton | 2,887,085 | 12,992 |
| | 1982 | 2,151 | | 3,092,408 | 11,040 |
| | 1983 | 2,500 | | 2,919,314 | 11,355 |
| | 1984 | 1,815 | | 2,342,963 | 7,029 |
| PARSLEY | 1981 | 158 | 21 lb. Carton | 98,235 | 393 |
| | 1982 | 146 | | 95,149 | 208 |
| | 1983 | 144 | | 119,981 | 540 |
| | 1984 | 135 | | 88,846 | 444 |
| PUMPKINS | 1981 | 344 | Ton | 369 | 24 |
| | 1982 | 342 | | 483 | 36 |
| | 1983 | 378 | | 359 | 32 |
| | 1984 | 211 | | 823 | 165 |

See footnotes at end of table.

Continued

OTHER VEGETABLES: Acres, production, and value, Arizona, 1981-84 (Continued)

| Crop | Year | Harvested acres 1/ | Unit | Production 1/ | Value of production 2/ |
|---|---|---|---|---|---|
| | | Acres | | 1,000 | 1,000 dol. |
| RADISHES | 1981 | 93 | 40 lb. Carton | 96,367 | 313 |
| | 1982 | 186 | | 86,243 | 288 |
| | 1983 | 241 | | 144,142 | 540 |
| | 1984 | 173 | | 132,528 | 464 |
| RAPINI | 1981 | 719 | 25 lb. Carton | 282,437 | 1,977 |
| | 1982 | 525 | | 221,918 | 1,841 |
| | 1983 | 683 | | 240,195 | 1,680 |
| | 1984 | 567 | | 212,264 | 698 |
| SPINACH | 1981 | 322 | 25 lb. Carton | 127,962 | 448 |
| | 1982 | 243 | | 130,506 | 264 |
| | 1983 | 142 | | 78,623 | 296 |
| | 1984 | 307 | | 115,939 | 406 |
| SQUASH | 1981 | 70 | 24 lb. Carton | 11,840 | 63 |
| | 1982 | 212 | | 27,285 | 37 |
| | 1983 | 176 | | 22,415 | 36 |
| | 1984 | 94 | | 18,591 | 102 |
| TURNIPS | 1981 | 560 | 25 lb. Sack | 239,710 | 899 |
| | 1982 | 374 | | 172,729 | 606 |
| | 1983 | 274 | | 138,984 | 521 |
| | 1984 | 309 | | 148,086 | 666 |
| MISCELLANEOUS VEGETABLES 4/ | 1981 | 515 | | 5/ | 4,291 |
| | 1982 | 956 | | 5/ | 3,694 |
| | 1983 | 1,023 | | 5/ | 3,339 |
| | 1984 | 1,204 | | 5/ | 3,715 |

---

1/ Acreage and production figures from the Arizona Fruit and Vegetable Standardization Service annual reports. 1981 production excluded intrastate sales.

2/ Value of production developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service, and local growers.

3/ Not available.

4/ Includes artichokes, asparagus, bell peppers, celantro, celery, chili peppers, cucumbers, Maza corn, Mexican corn, miscellaneous melons, napa, okra, rutabagas, sweet corn, and tomatoes.

5/ Not available due to the different units of production for these vegetables.

# FRUITS & NUTS

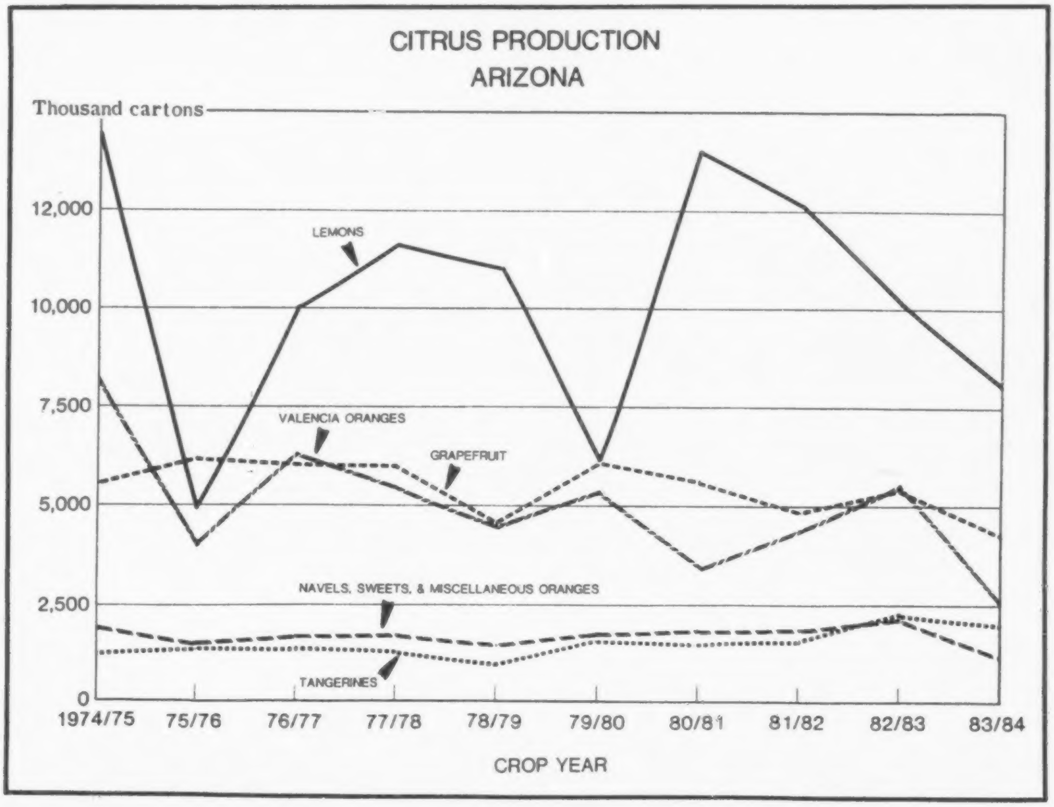
Arizona is a state of variety with many specialty crops in addition to its major field crops. Of these, Arizona is probably best known for its citrus industry. The major varieties produced include lemons (the highest valued citrus crop), oranges, grapefruit, and tangerines. Oranges include navels, Valencias, and Arizona sweet varieties. Citrus is predominantly grown in the central and western areas of the State, encompassing Maricopa, Pinal, Pima, and Yuma counties.

For the 1983-84 season there were 41,200 bearing acres devoted to citrus production which yielded 220,000 tons of fresh fruit and 102,000 tons of processed, valued at 48.6 million dollars. This currently ranks Arizona third in citrus production with 3 percent of the U.S. total. Although production has not been affected, there has been a decline in the bearing acreage over the past three years. This decline is largely due to land speculation and steady housing development in the producing areas surrounding metropolitan areas. The largest decline was in grapefruit acreage, which declined 17 percent from 1981-82 to 1983-84. Lemon acreage fell 15 percent and all oranges fell 7 percent over that three-year period.

The Arizona citrus season usually begins with lemon harvest in the west in early August. Grapefruit harvest begins in November, followed by navel oranges and tangerines in November, and Valencia oranges begin as early as February. Rains early in the 1983-84 season caused some minor delays in all fruit packing activities, but overall weather conditions during harvest were generally favorable. Recurring January freezes in the Florida and Texas citrus crops increased the demand for Arizona citrus.

Grapes are another important fruit in Arizona which continue to increase in importance as a cash crop. The 1984 crop yielded a value of 18.3 million dollars to producers, a 20 percent increase over the 1983 crop. The grape crop produced more income to the grower than the sorghum and corn for grain crops combined. The acreage devoted to grapes has increased every year since 1980. The 4,371 bearing acres harvested in 1984 represented a 16 percent increase over 1983. The 1985 bearing acreage is expected to increase by 11 percent over 1984 to 4,860 acres.

Deciduous fruit and nut crops include: almonds, apricots, dates, figs, nectarines, peaches, pistachios, plums, and pecans. Almonds are a relatively new crop to Arizona. The expected 2,800 bearing acres are not officially bearing until 1985. Apples are also growing in importance with an expected 91 percent increase in bearing acreage from 969 acres in 1984 to 1,850 acres in 1985. The surge in apple acreage has taken place in southeast Arizona where the primary crops were cotton and corn. Cooler temperatures and ample water supplies are available for fruit production in this region.



GRAPEFRUIT: Acreage and production, by varieties, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested |  |  | Fresh 1/ | Processed 1/ |
|---|---|---|---|---|---|
|  | White | Red Blush | All |  |  |
|  | Acres |  |  | 1,000 cartons 2/ |  |
| MARICOPA 3/ |  |  |  |  |  |
| 1979/80 | 2,760 | 2,320 | 5,080 | 1,580 | 2,130 |
| 1980/81 | 2,540 | 2,750 | 5,290 | 2,080 | 1,560 |
| 1981/82 | 2,690 | 2,750 | 5,440 | 1,580 | 1,930 |
| 1982/83 | 1,945 | 2,325 | 4,270 | 2,180 | 1,320 |
| 1983/84 | 2,305 | 2,305 | 4,610 | 1,910 | 920 |
| YUMA |  |  |  |  |  |
| 1979/80 | 770 | 2,590 | 3,360 | 1,060 | 1,230 |
| 1980/81 | 570 | 2,250 | 2,820 | 1,120 | 840 |
| 1981/82 | 420 | 2,300 | 2,720 | 580 | 710 |
| 1982/83 | 310 | 2,220 | 2,530 | 1,060 | 840 |
| 1983/84 | 240 | 1,950 | 2,190 | 1,050 | 320 |

1/ Production for all grapefruit.
2/ Net weight per carton, 32 pounds.
3/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

GRAPEFRUIT: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
|  | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 8,440 | 6,000 | 1.30 | 7,782 |
| 1980/81 | 8,110 | 5,600 | 1.96 | 10,976 |
| 1981/82 | 8,160 | 4,800 | 1.18 | 5,664 |
| 1982/83 | 6,800 | 5,400 | 1.28 | 6,885 |
| 1983/84 | 6,800 | 4,200 | 2.15 | 9,010 |

1/ Equivalent packinghouse door returns. Marketing season November 1 - July 31.
2/ Net weight per carton, 32 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

GRAPEFRUIT: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns | | | | | |
|---|---|---|---|---|---|---|---|
| | | Packinghouse door | | | On-tree | | |
| | | All | Fresh | Processed | All | Fresh | Processed |
| | | Dollars per carton 1/ | | | | | |
| 1979/80 | | | | | | | |
| Oct. | 7.35 | 5.11 | 5.63 | .28 | 4.56 | 5.08 | -.27 |
| Nov. | 4.43 | 2.22 | 2.73 | .34 | 1.67 | 2.18 | -.21 |
| Dec. | 4.40 | 2.07 | 2.70 | .34 | 1.52 | 2.15 | -.21 |
| Jan. | 4.20 | 1.82 | 2.50 | .34 | 1.27 | 1.95 | -.21 |
| Feb. | 4.38 | 1.77 | 2.68 | .34 | 1.22 | 2.13 | -.21 |
| Mar. | 4.13 | .99 | 2.43 | .34 | .44 | 1.88 | -.21 |
| Apr. | 3.88 | 1.04 | 2.18 | .34 | .49 | 1.63 | -.21 |
| May | 3.83 | 1.12 | 2.13 | .34 | .57 | 1.58 | -.21 |
| June | 4.38 | 1.23 | 2.68 | .34 | .68 | 2.13 | -.21 |
| July | 3.70 | 1.09 | 2.00 | .34 | .54 | 1.45 | -.21 |
| 1980/81 | | | | | | | |
| Oct. | 4.17 | 3.02 | 3.02 | -- | 2.42 | 2.42 | -- |
| Nov. | 4.23 | 1.98 | 2.41 | .52 | 1.38 | 1.81 | -.08 |
| Dec. | 4.02 | 1.52 | 2.20 | .52 | .92 | 1.60 | -.08 |
| Jan. | 4.09 | 1.70 | 2.27 | .52 | 1.10 | 1.67 | -.08 |
| Feb. | 4.01 | 1.56 | 2.19 | .52 | .96 | 1.59 | -.08 |
| Mar. | 3.98 | 1.50 | 2.16 | .52 | .90 | 1.56 | -.08 |
| Apr. | 4.80 | 1.83 | 2.98 | .52 | 1.23 | 2.38 | -.08 |
| May | 5.65 | 2.20 | 3.83 | .52 | 1.60 | 3.23 | -.08 |
| June | 6.30 | 2.83 | 4.48 | .43 | 2.23 | 3.88 | -.17 |
| July | 5.80 | 1.04 | 3.98 | .43 | .44 | 3.38 | -.17 |
| 1981/82 | | | | | | | |
| Oct. | 5.05 | 1.87 | 3.23 | .19 | 1.27 | 2.63 | -.41 |
| Nov. | 4.32 | 1.86 | 2.50 | .19 | 1.26 | 1.90 | -.41 |
| Dec. | 4.41 | 1.28 | 2.59 | .19 | .68 | 1.99 | -.41 |
| Jan. | 4.82 | 1.47 | 3.00 | .19 | .87 | 2.40 | -.41 |
| Feb. | 4.61 | 1.02 | 2.39 | -.01 | .32 | 1.69 | -.71 |
| Mar. | 4.42 | 1.01 | 2.20 | -.01 | .31 | 1.50 | -.71 |
| Apr. | 4.22 | .89 | 2.00 | -.01 | .19 | 1.30 | -.71 |
| May | 4.36 | .94 | 2.14 | -.01 | .24 | 1.44 | -.71 |
| June | 4.70 | 1.14 | 2.48 | -.01 | .44 | 1.78 | -.71 |
| July | 5.45 | 1.35 | 3.23 | -.01 | .65 | 2.53 | -.71 |
| 1982/83 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 3.97 | 1.46 | 1.69 | .06 | .74 | .97 | -.66 |
| Dec. | 3.84 | 1.18 | 1.56 | .06 | .46 | .84 | -.66 |
| Jan. | 3.73 | 1.18 | 1.45 | .06 | .46 | .73 | -.66 |
| Feb. | 3.69 | 1.00 | 1.41 | .06 | .28 | .69 | -.66 |
| Mar. | 3.90 | .96 | 1.62 | .06 | .24 | .90 | -.66 |
| Apr. | 3.99 | .97 | 1.71 | .06 | .25 | .99 | -.66 |
| May | 3.83 | 1.22 | 2.05 | .06 | .50 | 1.33 | -.66 |
| June | 5.20 | 1.63 | 2.92 | .06 | .91 | 2.20 | -.66 |
| July | 4.83 | 1.31 | 2.55 | .06 | .59 | 1.83 | -.66 |
| 1983/84 | | | | | | | |
| Oct. | 4.60 | 2.37 | 2.37 | -- | 1.65 | 1.65 | -- |
| Nov. | 4.19 | 1.77 | 1.96 | -.04 | 1.05 | 1.24 | -.76 |
| Dec. | 4.27 | 1.74 | 2.04 | -.04 | 1.02 | 1.32 | -.76 |
| Jan. | 4.80 | 2.15 | 2.54 | -.04 | 1.43 | 1.82 | -.76 |
| Feb. | 4.88 | 2.10 | 2.62 | -.04 | 1.38 | 1.90 | -.76 |
| Mar. | 5.10 | 2.18 | 2.84 | -.04 | 1.46 | 2.12 | -.76 |
| Apr. | 5.40 | 2.24 | 3.14 | -.04 | 1.52 | 2.42 | -.76 |
| May | 5.75 | 2.42 | 3.49 | -.04 | 1.70 | 2.77 | -.76 |
| June | 5.50 | 1.78 | 3.24 | -.04 | 1.06 | 2.52 | -.76 |
| July | -- | -- | -- | -- | -- | -- | -- |

---

1/ Net weight per carton, 32 pounds.

LEMONS: Acreage and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Fresh | Processed |
|---|---|---|---|
| | Acres | 1,000 cartons 1/ | |
| MARICOPA 2/ | | | |
| 1979/80 | 2,150 | 410 | 600 |
| 1980/81 | 2,150 | 500 | 1,050 |
| 1981/82 | 2,250 | 670 | 970 |
| 1982/83 | 2,070 | 820 | 680 |
| 1983/84 | 2,110 | 780 | 650 |
| YUMA | | | |
| 1979/80 | 18,110 | 2,760 | 2,330 |
| 1980/81 | 17,030 | 3,980 | 8,470 |
| 1981/82 | 19,360 | 4,490 | 6,470 |
| 1982/83 | 17,390 | 3,940 | 4,660 |
| 1983/84 | 16,190 | 3,820 | 2,750 |

1/ Net weight per carton, 38 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

LEMONS: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
| | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 20,260 | 6,100 | 4.05 | 24,680 |
| 1980/81 | 19,180 | 14,000 | 2.06 | 28,790 |
| 1981/82 | 21,610 | 12,600 | 1.66 | 20,944 |
| 1982/83 | 19,460 | 10,100 | 2.21 | 22,275 |
| 1983/84 | 18,300 | 8,000 | 2.42 | 19,320 |

1/ Equivalent packinghouse door returns. Marketing season August 15 - March 1.
2/ Net weight per carton, 38 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

LEMONS: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
|  |  | Packinghouse door |  |  | On-tree |  |  |
|  |  | All | Fresh | Processed | All | Fresh | Processed |
|  | Dollars per carton 1/ |  |  |  |  |  |  |
| 1979/80 |  |  |  |  |  |  |  |
| Sept. | 12.60 | 8.59 | 9.35 | .65 | 7.13 | 7.85 | -.35 |
| Oct. | 12.85 | 7.51 | 9.60 | .65 | 6.13 | 8.10 | -.35 |
| Nov. | 10.30 | 5.35 | 7.05 | 1.53 | 3.85 | 5.55 | .03 |
| Dec. | 8.75 | 3.46 | 5.50 | 1.53 | 1.96 | 4.00 | .03 |
| Jan. | 7.10 | 2.51 | 3.85 | 1.53 | 1.01 | 2.35 | .03 |
| Feb. | 5.90 | 1.92 | 2.65 | 1.60 | .42 | 1.15 | .10 |
| Mar. | 5.80 | 1.38 | 2.55 | 1.20 | .13 | 1.05 | -.30 |
| Apr. | -- | -- | -- | -- | -- | -- | -- |
| May | -- | -- | -- | -- | -- | -- | -- |
| June | -- | -- | -- | -- | -- | -- | -- |
| 1980/81 |  |  |  |  |  |  |  |
| Sept. | 10.85 | 5.37 | 7.65 | 2.22 | 3.92 | 6.20 | .77 |
| Oct. | 10.10 | 3.95 | 6.90 | 2.22 | 2.50 | 5.45 | .77 |
| Nov. | 7.45 | 2.67 | 4.25 | 1.27 | 1.22 | 2.80 | -.18 |
| Dec. | 6.60 | 2.14 | 3.40 | 1.27 | .69 | 1.95 | -.18 |
| Jan. | 6.05 | 1.84 | 2.85 | 1.27 | .39 | 1.40 | -.18 |
| Feb. | 5.55 | 1.56 | 2.35 | 1.27 | .11 | .90 | -.18 |
| Mar. | 5.75 | 1.50 | 2.55 | 1.27 | .05 | 1.10 | -.18 |
| Apr. | 6.20 | 1.43 | 3.00 | 1.27 | .03 | 1.55 | -.18 |
| May | -- | 1.27 | -- | 1.27 | .18 | -- | -.18 |
| June | -- | -- | -- | -- | -- | -- | -- |
| 1981/82 |  |  |  |  |  |  |  |
| Sept. | 11.25 | 4.66 | 8.05 | .06 | 3.21 | 6.60 | -1.39 |
| Oct. | 7.25 | 1.86 | 4.05 | .06 | .41 | 2.60 | -1.39 |
| Nov. | 6.70 | 1.33 | 3.25 | .04 | .15 | 1.78 | -1.44 |
| Dec. | 6.95 | 1.48 | 3.50 | .04 | .01 | 2.03 | -1.44 |
| Jan. | 6.55 | 1.20 | 3.10 | .04 | .28 | 1.63 | -1.44 |
| Feb. | 6.20 | .77 | 2.75 | -.08 | .71 | 1.28 | -1.55 |
| Mar. | 6.55 | .65 | 3.10 | -.08 | .83 | 1.63 | -1.55 |
| Apr. | 9.45 | 1.68 | 6.00 | -.08 | .21 | 4.53 | -1.55 |
| May | -- | -- | -- | -- | -- | -- | -- |
| June | -- | -- | -- | -- | -- | -- | -- |
| 1982/83 |  |  |  |  |  |  |  |
| Sept. | 11.70 | 4.40 | 8.00 | .13 | 2.83 | 6.43 | -1.45 |
| Oct. | 8.45 | 2.41 | 4.78 | .12 | .83 | 3.20 | -1.46 |
| Nov. | 8.35 | 2.28 | 4.63 | .12 | .70 | 3.05 | -1.46 |
| Dec. | 7.70 | 1.86 | 3.98 | .12 | .28 | 2.40 | -1.46 |
| Jan. | 6.95 | 1.47 | 3.23 | .12 | .11 | 1.65 | -1.46 |
| Feb. | 6.55 | 1.39 | 2.83 | .12 | .19 | 1.25 | -1.46 |
| Mar. | 7.15 | 1.49 | 3.43 | .12 | .10 | 1.85 | -1.46 |
| Apr. | 7.45 | 1.57 | 3.73 | .12 | .02 | 2.15 | -1.46 |
| May | -- | -- | -- | -- | -- | -- | -- |
| June | -- | -- | -- | -- | -- | -- | -- |
| 1983/84 |  |  |  |  |  |  |  |
| Sept. | 11.25 | 4.56 | 7.29 | .04 | 2.96 | 5.69 | -1.56 |
| Oct. | 9.20 | 3.29 | 5.24 | .04 | 1.69 | 3.64 | -1.56 |
| Nov. | 7.60 | 2.19 | 3.64 | .04 | .59 | 2.04 | -1.56 |
| Dec. | 7.10 | 1.88 | 3.14 | .04 | .28 | 1.54 | -1.56 |
| Jan. | 6.80 | 1.53 | 2.81 | .04 | .07 | 1.21 | -1.56 |
| Feb. | 7.50 | 1.67 | 3.51 | .04 | .07 | 1.91 | -1.56 |
| Mar. | 7.40 | 1.25 | 3.41 | .04 | .36 | 1.81 | -1.56 |
| Apr. | 5.35 | .67 | 1.36 | .04 | .71 | .24 | -1.56 |
| May | 10.00 | 3.77 | 6.01 | .04 | 2.17 | 4.41 | -1.56 |
| June | -- | -- | -- | -- | -- | -- | -- |

---

1/ Net weight per carton, 38 pounds.

VALENCIA ORANGES: Acreage and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Fresh | Processed |
|---|---|---|---|
| | Acres | 1,000 cartons 1/ | |
| MARICOPA 2/ | | | |
| 1979/80 | 3,460 | 1,510 | 960 |
| 1980/81 | 3,030 | 770 | 520 |
| 1981/82 | 3,510 | 1,180 | 630 |
| 1982/83 | 2,940 | 1,530 | 910 |
| 1983/84 | 2,960 | 1,000 | 100 |
| YUMA | | | |
| 1979/80 | 6,570 | 1,590 | 1,240 |
| 1980/81 | 4,760 | 1,250 | 860 |
| 1981/82 | 4,440 | 1,620 | 870 |
| 1982/83 | 4,590 | 1,730 | 1,330 |
| 1983/84 | 4,540 | 1,300 | 100 |

---

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

VALENCIA ORANGES: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
| | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 10,030 | 5,300 | 1.23 | 6,523 |
| 1980/81 | 7,790 | 3,400 | 1.46 | 4,965 |
| 1981/82 | 7,950 | 4,300 | 3.02 | 12,968 |
| 1982/83 | 7,530 | 5,500 | 1.66 | 9,131 |
| 1983/84 | 7,500 | 2,500 | 3.85 | 9,630 |

---

1/ Equivalent packinghouse door returns. Marketing season February 1 - July 15.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

VALENCIA ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns | | | | | |
|---|---|---|---|---|---|---|---|
| | | Packinghouse door | | | On-tree | | |
| | | All | Fresh | Processed | All | Fresh | Processed |
| | | Dollars per carton 1/ | | | | | |
| 1979/80 | | | | | | | |
| Jan. | -- | -- | -- | -- | -- | -- | -- |
| Feb. | 4.20 | 1.61 | 1.85 | .83 | .91 | 1.15 | .13 |
| Mar. | 4.13 | 1.40 | 1.78 | .83 | .70 | 1.08 | .13 |
| Apr. | 3.65 | 1.08 | 1.30 | .83 | .38 | .60 | .13 |
| May | 3.83 | 1.20 | 1.48 | .83 | .50 | .78 | .13 |
| June | 4.08 | 1.48 | 1.73 | .83 | .78 | 1.03 | .13 |
| July | 4.03 | 1.37 | 1.68 | .83 | .67 | .98 | .13 |
| Aug. | 3.18 | .83 | .83 | .83 | .13 | .13 | .13 |
| 1980/81 | | | | | | | |
| Jan. | 3.82 | 1.43 | 1.67 | .55 | .73 | .97 | -.15 |
| Feb. | 4.73 | 2.03 | 2.58 | .55 | 1.33 | 1.88 | -.15 |
| Mar. | 4.42 | 1.45 | 1.92 | .45 | .70 | 1.17 | -.30 |
| Apr. | 4.11 | 1.11 | 1.61 | .45 | .36 | .86 | -.30 |
| May | 5.10 | 1.45 | 2.60 | .45 | .70 | 1.85 | -.30 |
| June | 6.15 | 3.58 | 3.65 | 1.15 | 2.83 | 2.90 | .40 |
| July | 6.65 | 3.26 | 4.15 | 1.15 | 2.51 | 3.40 | .40 |
| Aug. | -- | -- | -- | -- | -- | -- | -- |
| 1981/82 | | | | | | | |
| Jan. | -- | -- | -- | -- | -- | -- | -- |
| Feb. | 5.85 | 2.78 | 3.63 | .95 | 1.93 | 2.78 | .10 |
| Mar. | 5.80 | 2.56 | 3.58 | .95 | 1.71 | 2.73 | .10 |
| Apr. | 6.30 | 2.96 | 4.08 | .95 | 2.11 | 3.23 | .10 |
| May | 7.35 | 3.84 | 5.13 | .95 | 2.99 | 4.28 | .10 |
| June | 7.60 | 4.16 | 5.38 | .95 | 3.31 | 4.53 | .10 |
| July | 7.20 | 3.63 | 4.98 | .95 | 2.78 | 4.13 | .10 |
| Aug. | -- | -- | -- | -- | -- | -- | -- |
| 1982/83 | | | | | | | |
| Jan. | 3.94 | 1.47 | 1.47 | -- | .55 | .55 | -- |
| Feb. | 4.19 | 1.37 | 1.72 | .94 | .45 | .80 | .02 |
| Mar. | 4.21 | 1.41 | 1.74 | .94 | .49 | .82 | .02 |
| Apr. | 4.24 | 1.43 | 1.77 | .94 | .51 | .85 | .02 |
| May | 4.85 | 1.85 | 2.38 | .94 | .93 | 1.46 | .02 |
| June | 5.40 | 1.98 | 2.93 | .94 | 1.06 | 2.01 | .02 |
| July | 4.93 | 1.77 | 2.46 | .94 | .85 | 1.54 | .02 |
| Aug. | 5.00 | 1.77 | 2.53 | .94 | .85 | 1.61 | .02 |
| 1983/84 | | | | | | | |
| Jan. | 6.70 | 4.12 | 4.12 | -- | 3.25 | 3.25 | -- |
| Feb. | 6.45 | 3.38 | 3.87 | .96 | 2.51 | 3.00 | .09 |
| Mar. | 6.20 | 3.04 | 3.62 | .96 | 2.17 | 2.75 | .09 |
| Apr. | 7.25 | 4.06 | 4.67 | .96 | 3.19 | 3.80 | .09 |
| May | 9.05 | 5.76 | 6.47 | .96 | 4.89 | 5.60 | .09 |
| June | 7.00 | 3.73 | 4.42 | .96 | 2.86 | 3.55 | .09 |
| July | -- | -- | -- | -- | -- | -- | -- |
| Aug. | -- | -- | -- | -- | -- | -- | -- |

---

1/ Net weight per carton, 37.5 pounds.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Acreage and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Fresh | Processed |
|---|---|---|---|
| | Acres | 1,000 cartons 1/ | |
| MARICOPA 2/ | | | |
| 1979/80 | 5,350 | 1,220 | 370 |
| 1980/81 | 5,200 | 1,270 | 430 |
| 1981/82 | 5,340 | 1,400 | 350 |
| 1982/83 | 4,900 | 1,780 | 260 |
| 1983/84 | 5,050 | 1,000 | 70 |
| YUMA | | | |
| 1979/80 | 280 | 80 | 30 |
| 1980/81 | 220 | 70 | 30 |
| 1981/82 | 230 | 40 | 10 |
| 1982/83 | 210 | 50 | 10 |
| 1983/84 | 50 | 20 | 10 |

---

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
| | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 5,630 | 1,700 | 2.58 | 4,376 |
| 1980/81 | 5,420 | 1,800 | 2.83 | 5,085 |
| 1981/82 | 5,570 | 1,800 | 2.95 | 5,312 |
| 1982/83 | 5,110 | 2,100 | 4.37 | 9,166 |
| 1983/84 | 5,100 | 1,100 | 3.88 | 4,261 |

---

1/ Equivalent packinghouse door returns. Marketing season November 1 - March 15.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

NAVEL, SWEET, AND MISCELLANEOUS ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns | | | | | |
|---|---|---|---|---|---|---|---|
| | | Packinghouse door | | | On-tree | | |
| | | All | Fresh | Processed | All | Fresh | Processed |
| | Dollars per carton 1/ | | | | | | |
| 1979/80 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 7.75 | 4.57 | 5.45 | .54 | 3.87 | 4.75 | -.16 |
| Dec. | 5.30 | 2.56 | 3.00 | .54 | 1.86 | 2.30 | -.16 |
| Jan. | 4.08 | 1.48 | 1.78 | .54 | .78 | 1.08 | -.16 |
| Feb. | 4.30 | 1.44 | 2.00 | .54 | .74 | 1.30 | -.16 |
| Mar. | 4.13 | 1.25 | 1.83 | .54 | .55 | 1.13 | -.16 |
| 1980/81 | | | | | | | |
| Oct. | 6.85 | 3.32 | 4.75 | .13 | 2.62 | 4.05 | -.57 |
| Nov. | 7.25 | 4.20 | 5.15 | .13 | 3.50 | 4.45 | -.57 |
| Dec. | 6.05 | 3.03 | 3.95 | .13 | 2.33 | 3.25 | -.57 |
| Jan. | 4.85 | 1.97 | 2.75 | .13 | 1.27 | 2.05 | -.57 |
| Feb. | 3.55 | 1.01 | 1.45 | .13 | .31 | .75 | -.57 |
| Mar. | 3.05 | .66 | .95 | .13 | .04 | .25 | -.57 |
| 1981/82 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 5.40 | 2.53 | 3.23 | .16 | 1.70 | 2.40 | -.67 |
| Dec. | 5.85 | 3.03 | 3.68 | .16 | 2.20 | 2.85 | -.67 |
| Jan. | 6.10 | 3.31 | 3.90 | .16 | 2.48 | 3.08 | -.67 |
| Feb. | 6.25 | 3.33 | 4.05 | 1.00 | 2.50 | 3.23 | .17 |
| Mar. | 5.25 | 2.71 | 3.05 | 1.00 | 1.88 | 2.23 | .17 |
| 1982/83 | | | | | | | |
| Oct. | 14.25 | 11.11 | 11.87 | .60 | 10.28 | 11.04 | -.23 |
| Nov. | 8.60 | 5.55 | 6.22 | .60 | 4.72 | 5.39 | -.23 |
| Dec. | 6.95 | 4.19 | 4.57 | .60 | 3.36 | 3.74 | -.23 |
| Jan. | 5.55 | 2.85 | 3.17 | .60 | 2.02 | 2.34 | -.23 |
| Feb. | 5.65 | 2.65 | 3.27 | .60 | 1.82 | 2.44 | -.23 |
| 1983/84 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 7.30 | 4.23 | 4.77 | .19 | 3.42 | 3.96 | -.62 |
| Dec. | 6.45 | 3.56 | 3.92 | .19 | 2.75 | 3.11 | -.62 |
| Jan. | 7.40 | 3.96 | 4.84 | .19 | 3.15 | 4.03 | -.62 |
| Feb. | 6.05 | 3.13 | 3.49 | .19 | 2.32 | 2.68 | -.62 |
| Mar. | 5.45 | 2.89 | 2.89 | -- | 2.08 | 2.08 | -- |

---

1/ Net weight per carton, 37.5 pounds.

ALL ORANGES: Acreage and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Fresh | Processed |
|---|---|---|---|
| | Acres | 1,000 cartons 1/ | |
| MARICOPA 2/ | | | |
| 1979/80 | 8,810 | 2,730 | 1,330 |
| 1980/81 | 8,230 | 2,040 | 950 |
| 1981/82 | 8,850 | 2,580 | 980 |
| 1982/83 | 7,840 | 3,310 | 1,170 |
| 1983/84 | 8,010 | 2,000 | 170 |
| YUMA | | | |
| 1979/80 | 6,850 | 1,670 | 1,270 |
| 1980/81 | 4,980 | 1,320 | 890 |
| 1981/82 | 4,670 | 1,660 | 880 |
| 1982/83 | 4,800 | 1,780 | 1,340 |
| 1983/84 | 4,590 | 1,320 | 110 |

---

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

ALL ORANGES: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
| | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 15,660 | 7,000 | 1.56 | 10,899 |
| 1980/81 | 13,210 | 5,200 | 1.94 | 10,050 |
| 1981/82 | 13,520 | 6,100 | 3.00 | 18,280 |
| 1982/83 | 12,640 | 7,600 | 2.41 | 18,297 |
| 1983/84 | 12,600 | 3,600 | 3.86 | 13,891 |

---

1/ Equivalent packinghouse door returns.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

ALL ORANGES: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns | | | | | |
|---|---|---|---|---|---|---|---|
| | | Packinghouse door | | | On-tree | | |
| | | All | Fresh | Processed | All | Fresh | Processed |
| | Dollars per carton 1/ | | | | | | |
| 1979/80 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 7.75 | 4.57 | 5.45 | .54 | 3.87 | 4.75 | -.16 |
| Dec. | 5.30 | 2.56 | 3.00 | .54 | 1.86 | 2.30 | -.16 |
| Jan. | 4.08 | 1.48 | 1.78 | .54 | .78 | 1.08 | -.16 |
| Feb. | 4.26 | 1.50 | 1.94 | .62 | .80 | 1.24 | -.09 |
| Mar. | 4.13 | 1.39 | 1.78 | .80 | .69 | 1.08 | .10 |
| Apr. | 3.65 | 1.08 | 1.30 | .83 | .38 | .60 | .13 |
| May | 3.83 | 1.20 | 1.48 | .83 | .50 | .78 | .13 |
| June | 4.08 | 1.48 | 1.73 | .83 | .78 | 1.03 | .13 |
| July | 4.03 | 1.37 | 1.68 | .83 | .67 | .98 | .13 |
| 1980/81 | | | | | | | |
| Oct. | 6.85 | 3.32 | 4.75 | .13 | 2.62 | 4.05 | -.57 |
| Nov. | 7.25 | 4.20 | 5.15 | .13 | 3.50 | 4.45 | -.57 |
| Dec. | 6.05 | 3.03 | 3.95 | .13 | 2.33 | 3.25 | -.57 |
| Jan. | 4.70 | 1.90 | 2.59 | .17 | 1.20 | 1.89 | -.53 |
| Feb. | 4.08 | 1.44 | 1.95 | .29 | .74 | 1.25 | -.41 |
| Mar. | 4.30 | 1.37 | 1.84 | .42 | .64 | 1.09 | -.33 |
| Apr. | 4.11 | 1.11 | 1.61 | .45 | .36 | .86 | -.30 |
| May | 5.10 | 1.45 | 2.60 | .45 | .70 | 1.85 | -.30 |
| June | 6.15 | 3.58 | 3.65 | 1.15 | 2.83 | 2.90 | .40 |
| July | 6.65 | 3.26 | 4.15 | 1.15 | 2.51 | 3.40 | .40 |
| 1981/82 | | | | | | | |
| Oct. | -- | -- | -- | -- | -- | -- | -- |
| Nov. | 5.40 | 2.53 | 3.23 | .16 | 1.70 | 2.40 | -.67 |
| Dec. | 5.85 | 3.03 | 3.68 | .16 | 2.20 | 2.85 | -.67 |
| Jan. | 6.10 | 3.31 | 3.90 | .16 | 2.48 | 3.08 | -.67 |
| Feb. | 6.00 | 2.97 | 3.78 | .96 | 2.13 | 2.94 | .12 |
| Mar. | 5.80 | 2.56 | 3.56 | .95 | 1.71 | 2.71 | .10 |
| Apr. | 6.30 | 2.96 | 4.08 | .95 | 2.11 | 3.23 | .10 |
| May | 7.35 | 3.84 | 5.13 | .95 | 2.99 | 4.28 | .10 |
| June | 7.60 | 4.16 | 5.38 | .95 | 3.31 | 4.53 | .10 |
| July | 7.20 | 3.63 | 4.98 | .95 | 2.78 | 4.13 | .10 |
| 1982/83 | | | | | | | |
| Oct. | 14.25 | 11.11 | 11.87 | .60 | 10.28 | 11.04 | -.23 |
| Nov. | 8.60 | 5.55 | 6.22 | .60 | 4.72 | 5.39 | -.23 |
| Dec. | 6.95 | 4.19 | 4.57 | .60 | 3.36 | 3.74 | -.23 |
| Jan. | 5.50 | 2.80 | 3.11 | .60 | 1.97 | 2.28 | -.23 |
| Feb. | 5.20 | 2.16 | 2.80 | .79 | 1.29 | 1.94 | -.09 |
| Mar. | 4.25 | 1.44 | 1.79 | .94 | .53 | .87 | .02 |
| Apr. | 4.24 | 1.43 | 1.77 | .94 | .51 | .85 | .02 |
| May | 4.85 | 1.85 | 2.38 | .94 | .93 | 1.46 | .02 |
| June | 5.40 | 1.98 | 2.93 | .94 | 1.06 | 2.01 | .02 |
| July | 4.93 | 1.77 | 2.46 | .94 | .85 | 1.54 | .02 |
| 1983/84 | | | | | | | |
| Oct. | 5.00 | 1.77 | 2.53 | .94 | .85 | 1.61 | .02 |
| Nov. | 7.30 | 4.23 | 4.77 | .19 | 3.42 | 3.96 | .62 |
| Dec. | 6.45 | 3.56 | 3.92 | .19 | 2.75 | 3.11 | .62 |
| Jan. | 7.40 | 3.97 | 4.82 | .19 | 3.16 | 4.01 | .62 |
| Feb. | 6.40 | 3.35 | 3.81 | .88 | 2.48 | 2.95 | .02 |
| Mar. | 6.20 | 3.04 | 3.62 | .96 | 2.17 | 2.75 | .09 |
| Apr. | 7.25 | 4.06 | 4.67 | .96 | 3.19 | 3.80 | .09 |
| May | 9.05 | 5.76 | 6.47 | .96 | 4.89 | 5.60 | .09 |
| June | 7.00 | 3.73 | 4.42 | .96 | 2.86 | 3.55 | .09 |
| July | -- | -- | -- | -- | -- | -- | -- |

---

1/ Net weight per carton, 37.5 pounds.

TANGERINES: Acreage and production, Arizona, by counties, 1979/80-1983/84

| County and crop year | Harvested | Fresh | Processed |
|---|---|---|---|
| | Acres | 1,000 cartons 1/ | |
| MARICOPA 2/ | | | |
| 1979/80 | 1,820 | 480 | 370 |
| 1980/81 | 1,710 | 430 | 330 |
| 1981/82 | 2,120 | 730 | 490 |
| 1982/83 | 2,020 | 963 | 600 |
| 1983/84 | 1,970 | 950 | 230 |
| YUMA | | | |
| 1979/80 | 1,460 | 400 | 250 |
| 1980/81 | 1,440 | 370 | 270 |
| 1981/82 | 1,270 | 170 | 110 |
| 1982/83 | 1,480 | 413 | 224 |
| 1983/84 | 1,530 | 450 | 270 |

1/ Net weight per carton, 37.5 pounds.
2/ Includes small acreage and production in Pinal County.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

TANGERINES: Acreage, production, price, and value, Arizona, 1979/80-1983/84

| Crop year | Harvested | Production | Season average price 1/ | Value of production |
|---|---|---|---|---|
| | Acres | 1,000 cartons 2/ | Dol./ctn. | 1,000 dol. |
| 1979/80 | 3,280 | 1,500 | 2.17 | 3,244 |
| 1980/81 | 3,150 | 1,400 | 3.02 | 4,226 |
| 1981/82 | 3,390 | 1,500 | 3.34 | 5,010 |
| 1982/83 | 3,500 | 2,200 | 3.14 | 6,904 |
| 1983/84 | 3,500 | 1,900 | 3.36 | 6,384 |

1/ Equivalent packinghouse door returns. Marketing season November 1 - February 1.
2/ Net weight per carton, 37.5 pounds.
Source: Acres harvested from Arizona Fruit and Vegetable Standardization Service.

TANGERINES: Monthly prices and equivalent returns by utilization, Arizona, 1979/80-1983/84

| Crop year and month | F.O.B. packed fresh | Equivalent returns | | | | | |
|---|---|---|---|---|---|---|---|
| | | Packinghouse door | | | On-tree | | |
| | | All | Fresh | Processed | All | Fresh | Processed |
| | | Dollars per carton 1/ | | | | | |
| **1979/80** | | | | | | | |
| Nov. | 7.10 | 2.45 | 3.65 | .69 | .95 | 2.15 | -.81 |
| Dec. | 6.80 | 2.26 | 3.35 | .69 | .76 | 1.85 | -.81 |
| Jan. | 7.80 | 3.06 | 4.35 | .69 | 1.56 | 2.85 | -.81 |
| Feb. | 6.60 | 2.07 | 3.15 | .69 | .57 | 1.65 | -.81 |
| Mar. | 7.10 | 2.20 | 3.65 | .69 | .70 | 2.15 | -.81 |
| Apr. | 4.40 | .85 | .95 | .69 | .01 | .55 | -.81 |
| May | 3.43 | .30 | .03 | .69 | .54 | 1.48 | -.81 |
| **1980/81** | | | | | | | |
| Nov. | 7.20 | 2.26 | 3.95 | .31 | .76 | 2.45 | -1.19 |
| Dec. | 7.80 | 2.62 | 4.55 | .31 | 1.12 | 3.05 | -1.19 |
| Jan. | 8.95 | 4.01 | 5.70 | .31 | 2.51 | 4.20 | -1.19 |
| Feb. | 8.45 | 3.15 | 5.20 | .31 | 1.65 | 3.70 | -1.19 |
| Mar. | 7.80 | 2.36 | 4.55 | .31 | .86 | 3.05 | -1.19 |
| Apr. | 8.50 | 2.20 | 5.25 | .31 | .70 | 3.75 | -1.19 |
| May | -- | -- | -- | -- | -- | -- | -- |
| **1981/82** | | | | | | | |
| Nov. | -- | -- | -- | -- | -- | -- | -- |
| Dec. | 8.60 | 3.59 | 5.15 | .59 | 2.06 | 3.63 | -.94 |
| Jan. | 8.65 | 3.73 | 5.20 | .59 | 2.20 | 3.68 | -.94 |
| Feb. | 8.05 | 3.14 | 4.60 | .55 | 1.61 | 3.08 | -.98 |
| Mar. | 8.40 | 2.67 | 4.95 | .53 | 1.14 | 3.43 | -1.00 |
| Apr. | 9.70 | 3.73 | 6.25 | .53 | 2.21 | 4.73 | -1.00 |
| May | 7.10 | 2.47 | 3.65 | .53 | .95 | 2.13 | -1.00 |
| **1982/83** | | | | | | | |
| Nov. | 8.55 | 3.35 | 4.91 | .52 | 1.83 | 3.39 | -1.01 |
| Dec. | 7.75 | 3.07 | 4.11 | .52 | 1.54 | 2.59 | -1.01 |
| Jan. | 8.20 | 3.59 | 4.56 | .52 | 2.07 | 3.04 | -1.01 |
| Feb. | 7.95 | 2.85 | 4.31 | .52 | 1.32 | 2.79 | -1.01 |
| Mar. | 7.85 | 2.75 | 4.21 | .52 | 1.23 | 2.69 | -1.01 |
| Apr. | 7.65 | 2.73 | 4.01 | .52 | 1.20 | 2.49 | -1.01 |
| May | -- | -- | -- | -- | -- | -- | -- |
| **1983/84** | | | | | | | |
| Nov. | -- | -- | -- | -- | -- | -- | -- |
| Dec. | 8.15 | 3.44 | 4.51 | .70 | 1.92 | 2.99 | .83 |
| Jan. | 8.80 | 3.99 | 5.16 | .70 | 2.46 | 3.64 | .83 |
| Feb. | 8.00 | 3.65 | 4.36 | .70 | 2.12 | 2.84 | .83 |
| Mar. | 8.20 | 3.21 | 4.56 | .70 | 1.69 | 3.04 | .83 |
| Apr. | 8.45 | 3.44 | 4.81 | .70 | 1.92 | 3.29 | .83 |
| May | 4.71 | .97 | 1.07 | .70 | .10 | .46 | .83 |

---

1/ Net weight per carton, 37.5 pounds.

GRAPES: Acreage by area and variety, Arizona, 1980-85

| Area and year | Variety | | | | | | Total |
|---|---|---|---|---|---|---|---|
| | Cardinals | Exotics | Flame Seedless | Perlette | Robin | Thompson Seedless | |
| | | | | Acres | | | Acres |
| YUMA | | | | | | | |
| 1980 | 112 | 42 | 0 | 248 | 8 | 718 | 1,128 |
| 1981 | 112 | 42 | 0 | 248 | 8 | 718 | 1,128 |
| 1982 | 98 | 22 | 30 | 227 | 7 | 673 | 1,057 |
| 1983 | 98 | 22 | 60 | 227 | 7 | 673 | 1,087 |
| 1984 | 107 | 22 | 101 | 243 | 7 | 673 | 1,153 |
| 1985 | 107 | 22 | 226 | 343 | 7 | 758 | 1,463 |
| OTHER COUNTIES 1/ | | | | | | | |
| 1980 | 100 | 97 | 0 | 444 | 15 | 1,318 | 1,974 |
| 1981 | 120 | 81 | 3 | 514 | 15 | 1,298 | 2,031 |
| 1982 | 145 | 71 | 108 | 646 | 31 | 1,431 | 2,432 |
| 1983 | 67 | 76 | 192 | 750 | 31 | 1,571 | 2,687 |
| 1984 | 25 | 57 | 374 | 875 | 31 | 1,856 | 3,218 |
| 1985 | -- | 30 | 525 | 918 | 16 | 1,908 | 3,397 |
| ARIZONA | | | | | | | |
| 1980 | 212 | 139 | 0 | 692 | 23 | 2,036 | 3,102 |
| 1981 | 232 | 123 | 3 | 762 | 23 | 2,016 | 3,159 |
| 1982 | 243 | 93 | 138 | 873 | 38 | 2,104 | 3,489 |
| 1983 | 165 | 98 | 252 | 977 | 38 | 2,244 | 3,774 |
| 1984 | 132 | 79 | 475 | 1,118 | 38 | 2,529 | 4,371 |
| 1985 | 107 | 52 | 751 | 1,261 | 23 | 2,666 | 4,860 |

1/ Includes Maricopa, Pinal, and Cochise counties.
Source: Arizona Fruit and Vegetable Standardization Service.

GRAPES: Production, price, and value, Arizona, 1980-84

| Year | Production | Season average price 1/ | Value of production |
|---|---|---|---|
| | Tons | Dol./ton | 1,000 dol. |
| 1980 | 12,400 | 1,170.00 | 14,508 |
| 1981 | 12,400 | 1,240.00 | 15,376 |
| 1982 | 15,100 | 991.00 | 14,964 |
| 1983 | 14,600 | 1,050.00 | 15,330 |
| 1984 | 14,000 | 1,310.00 | 18,340 |

1/ Average price for the June 5-July 15 marketing season.

DECIDUOUS FRUITS AND NUTS: Acreage in production, Arizona, by area, 1980-1985

| Crop and area | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 |
|---|---|---|---|---|---|---|
| | | | Acres | | | |
| FRUIT | | | | | | |
| APPLES | | | | | | |
| Central | 81 | 81 | 99 | 18 | 18 | 18 |
| Eastern | 420 | 465 | 459 | 873 | 951 | 1,832 |
| Total | 501 | 546 | 558 | 891 | 969 | 1,850 |
| APRICOTS | | | | | | |
| Central | 234 | 191 | 39 | 52 | 93 | 98 |
| Eastern | 8 | 58 | -- | -- | -- | -- |
| Western | -- | -- | -- | -- | -- | 3 |
| Total | 242 | 249 | 39 | 52 | 93 | 101 |
| FIGS | | | | | | |
| Central | -- | -- | -- | -- | 50 | 50 |
| Total | -- | -- | -- | -- | 50 | 50 |
| NECTARINES | | | | | | |
| Central | 75 | 101 | 91 | 62 | 56 | 46 |
| Total | 75 | 101 | 91 | 62 | 56 | 46 |
| PEACHES | | | | | | |
| Central | 435 | 256 | 224 | 167 | 179 | 130 |
| Eastern | 455 | 285 | 405 | 334 | 309 | 422 |
| Western | -- | -- | -- | -- | -- | 9 |
| Total | 890 | 541 | 629 | 501 | 488 | 561 |
| PLUMS | | | | | | |
| Central | 625 | 489 | 403 | 390 | 400 | 338 |
| Eastern | 35 | 50 | -- | -- | -- | -- |
| Total | 660 | 539 | 403 | 390 | 400 | 338 |
| NUTS | | | | | | |
| PECANS | | | | | | |
| Central | 9,485 | 9,927 | 9,927 | 10,665 | 10,392 | 10,392 |
| Eastern | 105 | 630 | 630 | 670 | 2,756 | 2,823 |
| Western | 538 | 948 | 1,058 | 1,253 | 1,123 | 1,261 |
| Total | 10,128 | 11,505 | 11,615 | 12,588 | 14,271 | 14,476 |
| PISTACHIOS | | | | | | |
| Central | 210 | 219 | 219 | 411 | 457 | 541 |
| Eastern | -- | 110 | 110 | 837 | 186 | 270 |
| Western | -- | -- | -- | 10 | 150 | 250 |
| Total | 210 | 329 | 329 | 1,258 | 793 | 1,061 |
| ALMONDS | | | | | | |
| Central | -- | -- | -- | -- | -- | 2,800 |
| Total | -- | -- | -- | -- | -- | 2,800 |

Source: Arizona Fruit and Vegetable Standardization Service.

DECIDUOUS FRUITS AND NUTS: Acres, production, and value, Arizona, 1980/81-1983/84

| Crop | Year | Acres in production 1/ | Unit | Production 1/ | Value of production 2/ |
|---|---|---|---|---|---|
| | | Acres | | | |
| FRUIT | | | | | |
| APPLES | 1980/81 | 546 | 40 lb. carton | 16,403 | 111,000 |
| | 1981/82 | 558 | 40 lb. carton | 17,954 | 180,000 |
| | 1982/83 | 891 | 40 lb. carton | 56,814 | 540,000 |
| | 1983/84 | 969 | 40 lb. carton | 6,991 | 41,946 |
| APRICOTS | 1980/81 | 249 | 22 lb. lug | 2,289 | 11,000 |
| | 1981/82 | 97 | 22 lb. lug | 2,338 | 18,000 |
| | 1982/83 | 52 | 22 lb. lug | 10,233 | 70,000 |
| | 1983/84 | 93 | 22 lb. lug | 2,079 | 14,553 |
| NECTARINES | 1980/81 | 101 | 22 lb. lug | 6,406 | 55,000 |
| | 1981/82 | 91 | 22 lb. lug | 21,323 | 318,000 |
| | 1982/83 | 62 | 22 lb. lug | 12,635 | 139,000 |
| | 1983/84 | 56 | 22 lb. lug | 9,831 | 88,479 |
| PEACHES | 1980/81 | 541 | 22 lb. lug | 70,059 | 704,000 |
| | 1981/82 | 29 | 22 lb. lug | 93,138 | 1,109,000 |
| | 1982/83 | 501 | 22 lb. lug | 67,913 | 543,000 |
| | 1983/84 | 488 | 22 lb. lug | 72,697 | 654,273 |
| PEARS | 1980/81 | 14 | 22 lb. lug | 45,000 | 156,000 |
| | 1981/82 | 17 | 22 lb. lug | 45,000 | 156,000 |
| | 1982/83 | 3/ | 22 lb. lug | 3/ | 3/ |
| | 1983/84 | 3/ | 22 lb. lug | 3/ | 3/ |
| PLUMS | 1980/81 | 539 | 22 lb. lug | 8,459 | 27,000 |
| | 1981/82 | 423 | 22 lb. lug | 90,646 | 819,000 |
| | 1982/83 | 390 | 22 lb. lug | 81,087 | 678,000 |
| | 1983/84 | 400 | 22 lb. lug | 15,879 | 95,274 |
| NUTS | | | | | |
| PECANS | 1980/81 | 11,505 | Ton | 4/ | 4/ |
| | 1981/82 | 11,615 | Ton | 4/ | 4/ |
| | 1982/83 | 12,588 | Ton | 4/ | 4/ |
| | 1983/84 | 14,271 | Ton | 4/ | 4/ |
| PISTACHIOS | 1980/81 | 329 | Ton | 4/ | 4/ |
| | 1981/82 | 329 | Ton | 4/ | 4/ |
| | 1982/83 | 1,258 | Ton | 4/ | 4/ |
| | 1983/84 | 793 | Ton | 4/ | 4/ |

---

1/ Acreage and production on which Arizona Fruit and Vegetable Standardization Service issued inspection certificates during the September 1-August 31 year. 1980/81 production excludes intrastate sales.

2/ Value of production developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service and local growers.

3/ Not available.

4/ Complete data not available.

# CATTLE

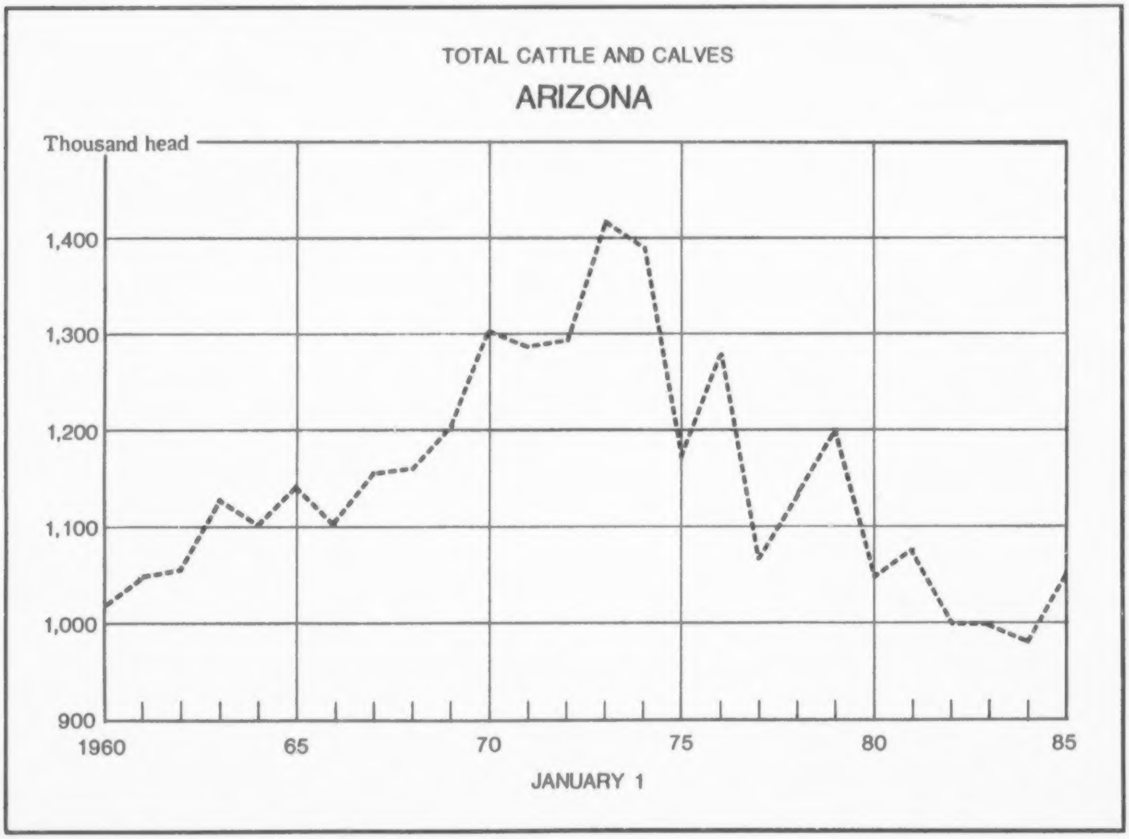
All cattle and calves in Arizona increased 7 percent in 1984 and totaled 1,050,000 head on January 1, 1985. The major source of revenue in Arizona's agricultural economy, the cattle industry generated a gross income of $508.9 million in 1984, up 2 percent from 1983.

Range cattle and calves rose 11 percent from the previous year to 530,000 head on January 1, 1985. The 1984 calf crop of 305,000 was 30,000 head above 1983 and was the largest calf crop since 1976. Cattle shipped into the state were 69,000 head above 1983. This, combined with excellent range and desert grazing the last half of the year, served to abet inventory expansion. Most range cattle are located on public lands administered by the Bureau of Land Management, Forest Service, and the State Land Department. Grazing fees for federal land, 'wilderness' designation of Forest Service lands, and water rights on public lands were continued concerns of Arizona cattle growers in 1984.

Arizona is one of seven states preparing monthly estimates of cattle on feed for slaughter market, a closely watched indicator of total beef supply. The number of cattle and calves in feedlots on January 1, 1985 totaled 419,000, up 3 percent from last January and capped an active year for Arizona cattle feeders. The total numbers of cattle placed on feed and marketed during 1984 were at their highest levels since 1979. The average number on feed for the year - 384,000 head, was the highest since 1978. Most cattle and calves placed into Arizona feedlots continue to come from out of state. In 1984, nearly 75 percent came from states such as Florida, Mississippi, and Texas, as well as Mexico.

Cattle slaughter in Arizona during 1984 reached its highest level since 1976, totaling 439,800 head. This included an increased proportion of Arizona cattle on feed, with almost two-thirds of feedlot marketings being slaughtered in Arizona.

Gross income from cattle and calves in 1984 increased primarily due to higher prices for cattle, up $2.10 to $60.30 per cwt. Prices received for calves fell $3.80, and averaged $59.40 per cwt. for 1984.



ALL CATTLE AND MILK COWS: Number of operations and inventory, Arizona and United States, January 1, 1981-85 1/

| Year | Arizona |  |  |  | United States |  |  |  |
|---|---|---|---|---|---|---|---|---|
|  | All cattle and calves |  | Milk cows |  | All cattle and calves |  | Milk cows |  |
|  | Operations | Head | Operations | Head | Operations | Head | Operations | Head |
|  | Number | 1,000 | Number | 1,000 | Number | 1,000 | Number | 1,000 |
| 1981 | 5,000 | 1,075 | 800 | 75 | 1,620,790 | 114,351 | 320,160 | 10,849 |
| 1982 | 5,200 | 1,000 | 770 | 80 | 1,612,090 | 115,444 | 307,920 | 10,986 |
| 1983 | 5,000 | 1,000 | 800 | 82 | 1,584,500 | 115,001 | 299,140 | 11,047 |
| 1984 | 5,000 | 980 | 850 | 82 | 1,547,290 | 113,700 | 285,740 | 11,109 |
| 1985 | 2/ | 1,050 | 2/ | 83 | 2/ | 109,801 | 2/ | 10,819 |

1/ An operation is any place having one or more head of the species on hand at any time during the year.
2/ Not available until January, 1986.

CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1981-85

| Year | All cattle and calves | Cows |  | Heifers 500 lbs. & over |  |  | Steers 500 lbs. and over | Bulls 500 lbs. and over | Heifers, steers & bulls under 500 lbs. | Value |  |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | Beef cows | Milk cows | Beef cow replacement | Milk cow replacement | Other heifers |  |  |  | Per head | Total |
|  | 1,000 head |  |  |  |  |  |  |  |  | Dol. | 1,000 Dol. |
| 1981 | 1,075 | 285 | 75 | 49 | 17 | 32 | 361 | 26 | 230 | 460 | 494,500 |
| 1982 | 1,000 | 275 | 80 | 49 | 19 | 25 | 334 | 26 | 192 | 410 | 410,000 |
| 1983 | 1,000 | 278 | 82 | 37 | 21 | 17 | 306 | 29 | 230 | 400 | 400,000 |
| 1984 | 980 | 268 | 82 | 32 | 15 | 14 | 305 | 24 | 240 | 385 | 377,300 |
| 1985 | 1,050 | 272 | 83 | 37 | 18 | 10 | 350 | 30 | 250 | 395 | 414,750 |

CATTLE AND CALVES: Inventory, supply, and disposition, Arizona, 1980-85

| Year | Inventory January 1 | Calf crop | Inshipments | Marketings 1/ |  | Farm 2/ slaughter | Deaths |  |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  | Cattle | Calves |  | Cattle | Calves |
|  | 1,000 head |  |  |  |  |  |  |  |
| 1980 | 1,050 | 300 | 714 | 872 | 66 | 3 | 24 | 24 |
| 1981 | 1,075 | 280 | 567 | 773 | 85 | 2 | 24 | 38 |
| 1982 | 1,000 | 285 | 564 | 721 | 67 | 3 | 26 | 32 |
| 1983 | 1,000 | 275 | 617 | 810 | 44 | 3 | 25 | 30 |
| 1984 | 980 | 305 | 686 | 785 | 68 | 3 | 30 | 35 |
| 1985 | 1,050 |  |  |  |  |  |  |  |

1/ Includes animals for slaughter market, as well as younger animals shipped to other States for feeding or breeding purposes. Excludes interfarm sales with the State and farm slaughter.
2/ Excludes custom slaughter for farmers at commercial establishments.

CATTLE AND CALVES: Production and income, Arizona, 1980-84

| Year | Production 1/ | Marketings 2/ | Average price per 100 pounds |  | Value of production | Cash receipts 3/ | Value of home consumption | Gross income |
|---|---|---|---|---|---|---|---|---|
|  |  |  | Cattle | Calves |  |  |  |  |
|  | 1,000 lbs. | 1,000 lbs. | Dollars |  | 1,000 Dol. | 1,000 Dol. | 1,000 Dol. | 1,000 Dol. |
| 1980 | 621,015 | 920,945 | 65.10 | 74.60 | 408,539 | 602,298 | 6,541 | 608,839 |
| 1981 | 553,165 | 844,975 | 61.80 | 63.70 | 342,331 | 522,914 | 3,878 | 526,792 |
| 1982 | 504,865 | 767,855 | 60.10 | 61.70 | 304,132 | 461,956 | 4,310 | 466,266 |
| 1983 | 556,815 | 850,115 | 58.20 | 63.20 | 325,170 | 495,648 | 2,632 | 498,280 |
| 1984 | 603,925 | 836,840 | 60.30 | 59.40 | 363,898 | 504,388 | 4,594 | 508,982 |

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in the live weight of inventory.
2/ Includes animals for slaughter market, as well as younger animals shipped to other States for feeding or breeding purposes. Excludes interfarm sales with the State and farm slaughter.
3/ Receipts from marketings and sale of farm slaughter.

CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1981-85

| County and Year | Cattle on feed | Milk cows | Milk cow replacement heifers | Range cattle and calves | Total | County and Year | Cattle on feed | Milk cows | Milk cow replacement heifers | Range cattle and calves | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1,000 head | | | | | | 1,000 head | | |
| APACHE | | | | | | COCHISE | | | | | |
| 1981 | 0 | 0 | 0 | 55 | 55 | 1981 | * | * | * | 66 | 68 |
| 1982 | 0 | 0 | 0 | 60 | 60 | 1982 | 0 | * | * | 62 | 63 |
| 1983 | 0 | 0 | 0 | 55 | 55 | 1983 | 0 | * | * | 63 | 64 |
| 1984 | 0 | 0 | 0 | 56 | 56 | 1984 | 0 | * | * | 61 | 62 |
| 1985 | 0 | 0 | 0 | 65 | 65 | 1985 | 0 | * | * | 58 | 59 |
| COCONINO | | | | | | GILA | | | | | |
| 1981 | 0 | 0 | 0 | 47 | 47 | 1981 | 0 | 0 | 0 | 36 | 36 |
| 1982 | 0 | 0 | 0 | 48 | 48 | 1982 | 0 | 0 | 0 | 35 | 35 |
| 1983 | 0 | 0 | 0 | 50 | 50 | 1983 | 0 | 0 | 0 | 25 | 25 |
| 1984 | 0 | 0 | 0 | 43 | 43 | 1984 | 0 | 0 | 0 | 24 | 24 |
| 1985 | 0 | 0 | 0 | 46 | 46 | 1985 | 0 | 0 | 0 | 26 | 26 |
| GRAHAM | | | | | | GREENLEE | | | | | |
| 1981 | * | * | * | 40 | 45 | 1981 | 0 | * | * | 17 | 18 |
| 1982 | * | * | * | 28 | 32 | 1982 | 0 | 0 | 0 | 18 | 18 |
| 1983 | * | * | * | 29 | 34 | 1983 | 0 | 0 | 0 | 18 | 18 |
| 1984 | * | * | * | 26 | 30 | 1984 | 0 | * | * | 17 | 18 |
| 1985 | * | * | * | 36 | 41 | 1985 | 0 | 0 | 0 | 19 | 19 |
| LA PAZ 1/ | | | | | | MARICOPA | | | | | |
| | | | | | | 1981 | 119 | 62 | 15 | 53 | 249 |
| | | | | | | 1982 | 114 | 68 | 16 | 48 | 246 |
| | | | | | | 1983 | 135 | 69 | 17 | 26 | 247 |
| 1984 | 0 | 0 | 0 | 3 | 3 | 1984 | 132 | 70 | 12 | 32 | 246 |
| 1985 | 0 | 0 | 0 | 3 | 3 | 1985 | 140 | 71 | 15 | 36 | 262 |
| MOHAVE | | | | | | NAVAJO | | | | | |
| 1981 | 0 | 0 | 0 | 45 | 45 | 1981 | 0 | 0 | 0 | 47 | 47 |
| 1982 | 0 | * | * | 38 | 39 | 1982 | 0 | * | * | 44 | 45 |
| 1983 | 0 | * | * | 40 | 41 | 1983 | 0 | * | * | 46 | 47 |
| 1984 | 0 | * | * | 39 | 40 | 1984 | 0 | 0 | 0 | 45 | 45 |
| 1985 | 0 | * | * | 37 | 38 | 1985 | 0 | * | * | 46 | 47 |
| PIMA | | | | | | PINAL | | | | | |
| 1981 | * | 6 | * | 40 | 48 | 1981 | 177 | 2 | 0 | 30 | 209 |
| 1982 | * | 6 | * | 42 | 49 | 1982 | 113 | 2 | 0 | 48 | 163 |
| 1983 | * | 6 | * | 41 | 51 | 1983 | 133 | 2 | 1 | 30 | 166 |
| 1984 | * | 6 | * | 38 | 45 | 1984 | 147 | 2 | 1 | 14 | 164 |
| 1985 | * | 4 | * | 38 | 43 | 1985 | 142 | 2 | 1 | 23 | 168 |
| SANTA CRUZ | | | | | | YAVAPAI | | | | | |
| 1981 | 0 | 0 | 0 | 16 | 16 | 1981 | 0 | * | * | 65 | 67 |
| 1982 | 0 | 0 | 0 | 14 | 14 | 1982 | 0 | * | * | 62 | 64 |
| 1983 | 0 | 0 | 0 | 15 | 15 | 1983 | 0 | * | * | 62 | 64 |
| 1984 | * | * | 0 | 12 | 13 | 1984 | 0 | * | * | 63 | 65 |
| 1985 | * | * | 0 | 21 | 22 | 1985 | 0 | * | * | 72 | 73 |
| YUMA 1/ | | | | | | ARIZONA | | | | | |
| 1981 | 99 | * | * | 25 | 125 | 1981 | 401 | 75 | 17 | 582 | 1,075 |
| 1982 | 99 | * | * | 24 | 124 | 1982 | 330 | 80 | 19 | 571 | 1,000 |
| 1983 | 110 | * | * | 12 | 123 | 1983 | 385 | 82 | 21 | 512 | 1,000 |
| 1984 | 123 | 0 | 0 | 3 | 126 | 1984 | 407 | 82 | 15 | 476 | 980 |
| 1985 | 133 | * | * | 4 | 138 | 1985 | 419 | 83 | 18 | 530 | 1,050 |

---

1/ La Paz County created from Yuma County in 1983.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Livestock, if any, are included in the State totals.

CATTLE ON FEED: Arizona, by counties, monthly, 1980-84

| County | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1,000 Head | | | | | | |
| | | | | | | 1980 | | | | | | |
| Maricopa | 115 | 110 | 100 | 83 | 73 | 83 | 92 | 93 | 94 | 97 | 110 | 114 |
| Pinal | 183 | 163 | 151 | 140 | 123 | 111 | 106 | 123 | 131 | 134 | 151 | 164 |
| Yuma | 115 | 110 | 103 | 95 | 88 | 87 | 81 | 76 | 78 | 81 | 95 | 99 |
| Other | 7 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 4 | 5 | 4 | 5 |
| ARIZONA | 420 | 389 | 360 | 324 | 290 | 287 | 284 | 297 | 307 | 317 | 360 | 382 |
| | | | | | | 1981 | | | | | | |
| Maricopa | 119 | 121 | 113 | 101 | 102 | 99 | 95 | 85 | 88 | 96 | 108 | 111 |
| Pinal | 177 | 177 | 171 | 151 | 137 | 127 | 108 | 95 | 88 | 98 | 106 | 111 |
| Yuma | 99 | 97 | 93 | 90 | 90 | 81 | 70 | 58 | 64 | 70 | 86 | 95 |
| Other | 6 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| ARIZONA | 401 | 400 | 382 | 346 | 333 | 311 | 276 | 241 | 243 | 267 | 303 | 320 |
| | | | | | | 1982 | | | | | | |
| Maricopa | 114 | 110 | 112 | 103 | 97 | 99 | 98 | 98 | 98 | 97 | 108 | 108 |
| Pinal | 113 | 112 | 111 | 105 | 99 | 98 | 101 | 101 | 105 | 116 | 128 | 139 |
| Yuma | 99 | 100 | 96 | 96 | 89 | 85 | 78 | 72 | 81 | 94 | 111 | 123 |
| Other | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| ARIZONA | 330 | 325 | 322 | 308 | 289 | 285 | 280 | 274 | 287 | 311 | 351 | 375 |
| | | | | | | 1983 | | | | | | |
| Maricopa | 105 | 104 | 100 | 95 | 90 | 97 | 93 | 90 | 93 | 89 | 95 | 92 |
| Pinal | 145 | 141 | 127 | 121 | 122 | 134 | 144 | 145 | 159 | 170 | 186 | 192 |
| Yuma | 130 | 129 | 128 | 127 | 121 | 122 | 115 | 110 | 110 | 100 | 109 | 119 |
| Other | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| ARIZONA | 385 | 379 | 360 | 348 | 337 | 357 | 356 | 349 | 366 | 363 | 394 | 407 |
| | | | | | | 1984 | | | | | | |
| Maricopa | 93 | 128 | 125 | 122 | 120 | 117 | 111 | 113 | 111 | 112 | 122 | 140 |
| Pinal | 187 | 145 | 147 | 136 | 125 | 112 | 104 | 113 | 130 | 140 | 142 | 147 |
| Yuma | 122 | 130 | 129 | 129 | 128 | 127 | 123 | 125 | 125 | 130 | 131 | 131 |
| Other | 5 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 |
| ARIZONA | 407 | 407 | 404 | 390 | 376 | 360 | 341 | 354 | 369 | 385 | 398 | 420 |

CATTLE ON FEED: Inventory by class and weight group, Arizona, quarterly Jan. 1, 1980-Jan. 1, 1985

| Date | Total | Steers & steer calves | Heifers & heifer calves | Cows and other | Weight group 1/ | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Under 500 lbs. | 500-699 lbs. | 700-899 lbs. | 900-1099 lbs. | 1100 lbs. & over |
| | | 1,000 head | | | | | 1,000 head | | |
| 1980 | | | | | | | | | |
| Jan. 1 | 420 | 410 | 9 | 1 | 118 | 114 | 110 | 75 | 2 |
| Apr. 1 | 324 | 315 | 8 | 1 | 43 | 75 | 104 | 95 | 6 |
| July 1 | 284 | 275 | 8 | 1 | 59 | 68 | 79 | 76 | 1 |
| Oct. 1 | 317 | 310 | 6 | 1 | 76 | 80 | 98 | 61 | 1 |
| 1981 | | | | | | | | | |
| Jan. 1 | 401 | 380 | 18 | 3 | 101 | 124 | 89 | 76 | 8 |
| Apr. 1 | 346 | 335 | 10 | 1 | 45 | 79 | 116 | 100 | 5 |
| July 1 | 276 | 266 | 9 | 1 | 48 | 66 | 69 | 90 | 2 |
| Oct. 1 | 267 | 258 | 8 | 1 | 60 | 68 | 75 | 61 | 2 |
| 1982 | | | | | | | | | |
| Jan. 1 | 330 | 314 | 15 | 1 | 46 | 73 | 105 | 98 | 7 |
| Apr. 1 | 308 | 294 | 13 | 1 | 55 | 76 | 93 | 79 | 4 |
| July 1 | 280 | 265 | 14 | 1 | 81 | 71 | 59 | 64 | 4 |
| Oct. 1 | 311 | 302 | 8 | 1 | 80 | 84 | 76 | 52 | 18 |
| 1983 | | | | | | | | | |
| Jan. 1 | 385 | 374 | 10 | 1 | 105 | 127 | 99 | 51 | 2 |
| Apr. 1 | 348 | 340 | 7 | 1 | 49 | 106 | 118 | 71 | 3 |
| July 1 | 356 | 345 | 11 | 0 | 66 | 79 | 118 | 89 | 4 |
| Oct. 1 | 363 | 344 | 19 | 0 | 77 | 91 | 97 | 88 | 10 |
| 1984 | | | | | | | | | |
| Jan. 1 | 407 | 399 | 8 | 0 | 112 | 119 | 104 | 56 | 8 |
| Apr. 1 | 390 | 383 | 7 | 0 | 48 | 101 | 111 | 112 | 11 |
| July 1 | 341 | 332 | 9 | 0 | 80 | 82 | 102 | 67 | 1 |
| Oct. 1 | 385 | 378 | 7 | 0 | 110 | 108 | 89 | 58 | 13 |
| 1985 | | | | | | | | | |
| Jan. 1 | 419 | 414 | 5 | 0 | 70 | 121 | 126 | 92 | 5 |

FED CATTLE MARKETED FOR SLAUGHTER: Monthly, Arizona, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1,000 head | | | | | | |
| 1980 | 56 | 46 | 45 | 50 | 41 | 58 | 54 | 52 | 46 | 40 | 39 | 27 | 554 |
| 1981 | 30 | 32 | 52 | 46 | 59 | 63 | 60 | 55 | 37 | 31 | 26 | 28 | 519 |
| 1982 | 31 | 33 | 37 | 50 | 61 | 64 | 42 | 40 | 37 | 37 | 37 | 27 | 496 |
| 1983 | 36 | 38 | 41 | 47 | 57 | 54 | 47 | 45 | 44 | 39 | 39 | 46 | 533 |
| 1984 | 46 | 51 | 49 | 53 | 52 | 64 | 46 | 46 | 46 | 46 | 35 | 36 | 570 |

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1980-84

| Year | Maricopa | Pinal | Yuma | Other | Total |
|---|---|---|---|---|---|
| | | | 1,000 head | | |
| 1980 | 184 | 235 | 127 | 8 | 554 |
| 1981 | 190 | 205 | 117 | 7 | 519 |
| 1982 | 193 | 174 | 122 | 7 | 496 |
| 1983 | 216 | 160 | 149 | 8 | 533 |
| 1984 | 209 | 197 | 155 | 9 | 570 |

CATTLE AND CALF OUTSHIPMENTS: Arizona, by counties, 1980-84

| County of origin | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| | | | Number of head | | |
| Apache | 15,316 | 14,787 | 16,331 | 7,783 | 15,977 |
| Cochise | 34,032 | 38,220 | 36,904 | 31,644 | 47,408 |
| Coconino | 14,588 | 19,353 | 15,159 | 8,963 | 6,694 |
| Gila | 4,029 | 4,895 | 3,479 | 8,522 | 4,463 |
| Graham | 6,277 | 4,733 | 10,089 | 9,112 | 14,198 |
| Greenlee | 3,066 | 3,515 | 3,023 | 4,074 | 1,268 |
| Maricopa | 150,533 | 135,006 | 121,782 | 119,692 | 119,717 |
| Mohave | 15,575 | 14,335 | 18,674 | 18,079 | 16,967 |
| Navajo | 12,053 | 15,019 | 15,860 | 16,114 | 16,389 |
| Pima | 12,066 | 14,571 | 12,701 | 14,930 | 21,901 |
| Pinal | 158,113 | 130,830 | 83,116 | 103,029 | 116,353 |
| Santa Cruz | 7,869 | 7,827 | 8,155 | 5,722 | 6,741 |
| Yavapai | 38,533 | 10,566 | 19,169 | 17,716 | 17,687 |
| Yuma | 98,619 | 55,547 | 94,585 | 1/ 120,977 | 1/ 113,647 |
| ARIZONA | 570,669 | 469,204 | 459,027 | 486,357 | 519,410 |

1/ Includes La Paz County.
Source: Arizona Livestock Board inspection records.

CATTLE AND CALF OUTSHIPMENTS: By class, Arizona, 1980-84

| Class | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| | | | Number of head | | |
| Steers | 398,047 | 295,609 | 299,863 | 339,208 | 346,566 |
| Bulls | 7,096 | 6,238 | 6,083 | 10,495 | 7,206 |
| Heifers | 39,724 | 40,892 | 49,333 | 60,988 | 62,636 |
| Cows | 38,319 | 45,691 | 40,788 | 36,732 | 40,023 |
| Calves | 87,483 | 80,774 | 62,960 | 38,934 | 62,979 |
| TOTAL | 570,669 | 469,204 | 459,027 | 486,357 | 519,410 |

Source: Arizona Livestock Board inspection records.

## ALL CATTLE: Monthly and marketing year average prices received by producers, Arizona, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Marketing year average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Dollars per cwt. | | | | | | | |
| | | | | | | ALL BEEF CATTLE | | | | | | | |
| 1980 | 62.60 | 67.60 | 67.70 | 65.30 | 65.60 | 66.50 | 67.20 | 68.10 | 64.20 | 63.60 | 62.40 | 60.80 | 65.10 |
| 1981 | 59.90 | 59.00 | 59.10 | 65.00 | 63.20 | 63.80 | 64.10 | 65.00 | 64.40 | 58.70 | 56.30 | 55.80 | 61.80 |
| 1982 | 59.30 | 60.00 | 62.70 | 64.90 | 65.80 | 61.80 | 62.10 | 61.50 | 57.00 | 54.90 | 55.70 | 52.10 | 60.10 |
| 1983 | 55.20 | 59.80 | 62.70 | 62.00 | 60.60 | 59.60 | 59.10 | 57.20 | 55.40 | 53.80 | 55.20 | 59.10 | 58.20 |
| 1984 | 62.10 | 61.60 | 62.20 | 63.00 | 59.60 | 59.70 | 61.20 | 60.00 | 58.00 | 57.80 | 60.10 | 57.10 | 60.30 |
| | | | | | | STEERS AND HEIFERS | | | | | | | |
| 1980 | 66.50 | 70.40 | 68.40 | 65.90 | 66.40 | 67.10 | 70.00 | 71.50 | 69.20 | 68.70 | 68.50 | 68.90 | 68.30 |
| 1981 | 66.60 | 64.60 | 62.40 | 67.10 | 65.90 | 67.10 | 65.50 | 66.60 | 67.40 | 63.40 | 62.00 | 60.80 | 65.30 |
| 1982 | 61.80 | 62.70 | 65.20 | 67.50 | 69.40 | 66.30 | 64.80 | 64.30 | 60.50 | 58.90 | 59.70 | 58.20 | 63.60 |
| 1983 | 60.00 | 62.10 | 65.30 | 67.90 | 64.70 | 63.00 | 61.40 | 60.60 | 57.50 | 57.90 | 58.10 | 63.20 | 61.50 |
| 1984 | 66.30 | 64.70 | 66.40 | 65.50 | 62.70 | 62.00 | 63.00 | 61.80 | 60.70 | 61.60 | 64.00 | 63.70 | 63.40 |
| | | | | | | CALVES | | | | | | | |
| 1980 | 82.50 | 84.50 | 81.90 | 73.30 | 70.10 | 72.70 | 72.00 | 72.50 | 75.50 | 74.20 | 71.20 | 69.20 | 74.60 |
| 1981 | 68.30 | 68.70 | 66.50 | 68.60 | 62.20 | 62.70 | 62.60 | 63.90 | 62.20 | 60.90 | 59.70 | 59.50 | 63.70 |
| 1982 | 59.40 | 62.50 | 64.70 | 65.40 | 63.80 | 61.40 | 59.20 | 62.40 | 61.50 | 59.90 | 59.20 | 61.10 | 61.70 |
| 1983 | 62.70 | 64.70 | 72.30 | 66.40 | 64.00 | 62.70 | 58.90 | 62.00 | 58.00 | 59.10 | 60.80 | 63.00 | 63.20 |
| 1984 | 60.40 | 60.50 | 60.70 | 59.20 | 56.90 | 54.60 | 57.50 | 62.20 | 57.90 | 59.70 | 57.00 | 60.50 | 59.40 |
| | | | | | | COWS | | | | | | | |
| 1980 | 47.40 | 51.40 | 49.20 | 45.40 | 41.70 | 43.80 | 43.40 | 46.40 | 46.00 | 45.20 | 42.10 | 42.40 | 45.50 |
| 1981 | 43.20 | 43.60 | 43.90 | 43.40 | 40.40 | 42.50 | 42.30 | 42.70 | 41.10 | 38.80 | 35.30 | 35.00 | 41.20 |
| 1982 | 36.70 | 38.40 | 39.50 | 38.90 | 39.50 | 39.00 | 39.60 | 39.60 | 39.30 | 36.20 | 34.30 | 35.30 | 37.60 |
| 1983 | 35.30 | 40.50 | 42.60 | 40.50 | 40.10 | 39.50 | 38.20 | 38.60 | 37.60 | 36.00 | 34.90 | 34.70 | 38.00 |
| 1984 | 35.90 | 39.50 | 42.40 | 43.70 | 36.70 | 38.40 | 36.50 | 39.20 | 37.60 | 38.40 | 33.70 | 34.90 | 38.30 |

# DAIRY

Milk cows in Arizona averaged 83,000 for the four quarters in 1984, the same number as 1983. This follows 11 consecutive years of expansion in the State's dairy industry. The number of dairy replacement heifers on hand January 1, 1985 of 18,000 was up 3,000 head from the previous year. Milk produced in 1984 totaled 1,215 million pounds, down 15 million from 1983. Nationally, Arizona dairies ranked fourth in milk produced per cow, with an annual average of 14,723 pounds.

Arizona is self sufficient in fluid milk production, exporting surplus production to surrounding states. The Arizona dairy industry is comprised of 170 commercial operations with an average herd size of just under 500 cows. Eighty-five percent of the operations are located in the Salt River Valley within 50 miles of Phoenix. Most herds consist of Holstein cows, followed by Guernseys, Jerseys, and Brown Swiss. Over 94 percent of all milk produced in the State is regulated through the Central Arizona Federal Milk Market Order. A primary function of the order is to control the supply of milk through establishment of minimum classified prices which handlers pay to dairymen. Producers received an average of $13.84 per cwt. in 1984 compared with $13.92 per cwt. in 1983.

Arizona plants manufacture a number of dairy products, including butter, cheese, ice cream, ice milk, and dry milk products. Production during 1984 of most major items, except ice cream and milk sherbet, fell slightly from there 1983 levels. In late 1984 a cheese manufacturing plant opened in Phoenix which will process most milk previously sold as fluid through the Rio Grande Valley Federal Milk Market Order.

ICE CREAM: Production, Arizona, monthly and annual, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1,000 gallons | | | | | | | |
| 1980 | 520 | 466 | 470 | 639 | 585 | 614 | 580 | 594 | 561 | 494 | 375 | 463 | 6,361 |
| 1981 | 436 | 533 | 513 | 558 | 564 | 615 | 607 | 534 | 532 | 469 | 399 | 413 | 6,173 |
| 1982 1/ | 449 | 462 | 532 | | | 1,788 | | | 1,748 | | | 1,217 | 6,196 |
| 1983 | 496 | 509 | 584 | 555 | 600 | 674 | 623 | 572 | 550 | 523 | 326 | 429 | 6,441 |
| 1984 | 534 | 587 | 555 | 551 | 645 | 586 | 596 | 620 | 521 | 559 | 418 | 393 | 6,565 |

1/ Estimates issued quarterly the last 9 months of 1982. Monthly reports resumed in 1983.

MILK SHERBET: Production, Arizona, monthly and annual, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1,000 gallons | | | | | | | |
| 1980 | 25 | 29 | 31 | 29 | 37 | 56 | 47 | 26 | 43 | 22 | 24 | 23 | 392 |
| 1981 | 29 | 25 | 31 | 47 | 33 | 37 | 38 | 39 | 41 | 29 | 22 | 27 | 398 |
| 1982 1/ | 27 | 24 | 40 | | | 116 | | | 99 | | | 73 | 379 |
| 1983 | 21 | 43 | 37 | 39 | 44 | 66 | 58 | 53 | 64 | 42 | 24 | 39 | 530 |
| 1984 | 45 | 55 | 45 | 56 | 55 | 64 | 53 | 80 | 48 | 54 | 32 | 39 | 626 |

1/ Estimates issued quarterly the last 9 months of 1982. Monthly reports resumed in 1983.

DAIRY: Milk cows, production of milk and milkfat, and value, Arizona, 1980-84

| Year | Milk cows 1/ | Production per milk cow |  | Milkfat percent | Total production |  | Value |  |
|---|---|---|---|---|---|---|---|---|
|  |  | Milk | Milkfat |  | Milk | Milkfat | Fluid milk per 100 lbs. | Total milk produced 2/ |
|  | 1,000 head | Lbs. |  |  | Million lbs. |  | Dollars | 1,000 dol. |
| 1980 | 75 | 13,747 | 496 | 3.61 | 1,031 | 37.2 | 13.40 | 138,463 |
| 1981 | 77 | 14,714 | 530 | 3.60 | 1,133 | 40.8 | 14.10 | 160,093 |
| 1982 | 81 | 14,840 | 542 | 3.65 | 1,202 | 43.9 | 13.90 | 167,318 |
| 1983 | 83 | 14,904 | 540 | 3.62 | 1,237 | 44.8 | 13.90 | 172,226 |
| 1984 | 83 | 14,723 | 532 | 3.61 | 1,222 | 44.1 | 13.80 | 169,135 |

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Includes sales of milk, cream and butter, value of milk used for home consumption and value of milk fed to calves.

MILK USED AND MARKETED BY PRODUCERS: Arizona, 1980-84

| Year | Milk used where produced |  |  | Milk marketed by producers |  |  |
|---|---|---|---|---|---|---|
|  | Fed to calves | Used for milk, cream, and butter | Total | Sold to plants and dealers | Sold directly to consumers | Total |
|  | Million lbs. |  |  |  |  |  |
| 1980 | 5 | 1 | 6 | 1,020 | 5 | 1,025 |
| 1981 | 7 | 1 | 8 | 1,120 | 5 | 1,125 |
| 1982 | 6 | 1 | 7 | 1,190 | 5 | 1,195 |
| 1983 | 6 | 1 | 7 | 1,225 | 5 | 1,230 |
| 1984 | 6 | 1 | 7 | 1,210 | 5 | 1,215 |

MILK PRODUCTION: Marketings, income, and production, Arizona, 1980-84

| Year | Combined marketings of milk and cream |  |  |  | Used for milk, cream and butter where produced |  | Gross producer income |
|---|---|---|---|---|---|---|---|
|  | Milk utilized | Average returns |  | Cash receipts from marketings | Milk utilized | Value |  |
|  |  | Per 100 lbs. of milk | Per lb. of milkfat |  |  |  |  |
|  | Million lbs. | Dollars |  | 1,000 dol. | Million lbs. | 1,000 dol. |  |
| 1980 | 1,025 | 13.43 | 3.72 | 137,633 | 1 | 134 | 137,768 |
| 1981 | 1,125 | 14.13 | 3.93 | 158,920 | 1 | 141 | 159,061 |
| 1982 | 1,195 | 13.92 | 3.81 | 166,387 | 1 | 139 | 166,526 |
| 1983 | 1,230 | 13.92 | 3.85 | 171,252 | 1 | 139 | 171,391 |
| 1984 | 1,215 | 13.84 | 3.83 | 168,166 | 1 | 138 | 168,304 |

GRAIN AND OTHER CONCENTRATES: Quantity fed to milk cows and value, Arizona, 1980-84 1/

| Year | Quantity fed to milk cows |  |  | Value of feed fed per cwt. | Feed value per cwt. of milk produced |
|---|---|---|---|---|---|
|  | Total | Per cow | Per cwt. of milk produced |  |  |
|  | 1,000 tons | Pounds | Pounds | Dollars | Dollars |
| 1980 | 248 | 6,600 | 48 | 7.78 | 3.73 |
| 1981 | 261 | 6,770 | 46 | 8.40 | 3.86 |
| 1982 | 272 | 6,688 | 45 | 7.35 | 3.32 |
| 1983 | 291 | 7,000 | 47 | 7.78 | 3.66 |
| 1984 | 287 | 6,920 | 47 | 8.00 | 3.76 |

1/ Estimates for all places where milk produced, either for sale or for home use.

# SHEEP

Arizona's inventory of sheep and lambs fell 13 percent during 1984, and totaled 266,000 on January 1, 1985. The 1984 lamb crop of 125,000 was 25,000 below 1983. The smaller lamb crop, combined with increased total marketings, resulted in the lower 1985 inventory. Stock sheep, which accounted for 87 percent of total inventory, were down 29,000 from the previous year. Lambs and sheep on feed comprised the balance of inventory and fell 10,000 head from January 1984. Over 70 percent of Arizona's sheep population is located on Indian reservations.

The number of sheep and lambs in Arizona has steadily declined since the mid-1970's when inventory levels were around 500,000 head. A number of factors have affected this trend, the most significant being decreasing prices received from 1979-1983. In addition, the rapid urbanization of Arizona's metropolitan areas and the increased practice of double cropping have depleted land available for grazing sheep. Death loss to predators is another serious concern to Arizona sheep producers.

Total sheep and lamb marketings in 1984 of 219,000 head were up 5 percent from 1983. Prices received for lambs in 1984 rebounded to $60.70 per cwt., the highest annual average since 1980. Sheep prices also increased, averaging $17.90 per cwt. in 1984. However, total value of production in 1984 dropped more than 10 percent due to an increase in the number of sheep and a drop in lambs sold compared to 1983.

SHEEP: Number of operations and inventory, Arizona and United States, January 1, 1981-85 1/

| Year | Arizona | | United States | |
|---|---|---|---|---|
| | Operations | Head | Operations | Head |
| | Number | 1,000 | Number | 1,000 |
| 1981 | 500 | 372 | 125,900 | 12,947.2 |
| 1982 | 450 | 377 | 128,170 | 12,996.8 |
| 1983 | 450 | 343 | 126,390 | 12,139.7 |
| 1984 | 500 | 306 | 123,300 | 11,486.5 |
| 1985 | 2/ | 266 | 2/ | 10,442.7 |

1/ An operation is any place having one or more sheep on hand during the year.
2/ Not available until January , 1986.

SHEEP AND LAMBS: Inventory, supply, and disposition, Arizona, 1980-85

| Year | Inventory January 1 | Lamb crop | Inshipments | Marketings 1/ | | Farm slaughter2/ | Deaths | |
|---|---|---|---|---|---|---|---|---|
| | | | | Sheep | Lambs | | Sheep | Lambs |
| | | | | 1,000 head | | | | |
| 1980 | 385 | 200 | 55 | 61 | 136 | 41 | 15 | 15 |
| 1981 | 372 | 210 | 56 | 49 | 133 | 45 | 17 | 17 |
| 1982 | 377 | 180 | 99 | 94 | 129 | 45 | 25 | 20 |
| 1983 | 343 | 150 | 97 | 93 | 115 | 41 | 20 | 15 |
| 1984 | 306 | 125 | 99 | 131 | 88 | 20 | 15 | 10 |
| 1985 | 266 | | | | | | | |

1/ Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
2/ Excludes custom slaughter for farmers at commercial establishments.

SHEEP AND LAMBS: Production and income, Arizona, 1980-84

| Year | Production 1/ | Marketings 2/ | Average price per 100 pounds | | Value of production | Cash receipts 3/ | Value of home consumption | Gross income |
|---|---|---|---|---|---|---|---|---|
| | | | Sheep | Lambs | | | | |
| | 1,000 lbs. | 1,000 lbs. | Dollars | | 1,000 dol. | 1,000 dol. | 1,000 dol. | 1,000 dol. |
| 1980 | 19,560 | 21,285 | 18.80 | 64.50 | 9,822 | 10,525 | 1,822 | 12,347 |
| 1981 | 20,550 | 19,590 | 18.70 | 54.60 | 8,865 | 8,675 | 1,708 | 10,383 |
| 1982 | 17,170 | 24,350 | 19.20 | 56.00 | 7,394 | 9,660 | 1,752 | 11,412 |
| 1983 | 12,850 | 21,040 | 15.70 | 55.70 | 4,789 | 7,443 | 1,421 | 8,864 |
| 1984 | 11,640 | 23,000 | 17.90 | 60.70 | 4,288 | 7,511 | 626 | 8,137 |

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in live weight of inventory.
2/ Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
3/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Arizona, by counties, January 1, 1981-85

| County and year | Stock sheep and lambs 1/ | Sheep and lambs on feed 2/ | All sheep and lambs | New crop lambs | County and year | Stock sheep and lambs 1/ | Sheep and lambs on feed 2/ | All sheep and lambs | New crop lambs |
|---|---|---|---|---|---|---|---|---|---|
| | 1,000 head | | | | | 1,000 head | | | |
| APACHE | | | | | COCONINO | | | | |
| 1981 | 105 | 0 | 105 | [illegible] | 1981 | 60 | 0 | 60 | 4 |
| 1982 | 105 | 0 | 105 | 5 | 1982 | 58 | 0 | 58 | 4 |
| 1983 | 91 | 0 | 91 | 4 | 1983 | 51 | 0 | 51 | 3 |
| 1984 | 82 | 0 | 82 | 6 | 1984 | 47 | 0 | 47 | 4 |
| 1985 | 91 | 0 | 91 | 10 | 1985 | 28 | 0 | 28 | 2 |
| MARICOPA | | | | | NAVAJO | | | | |
| 1981 | 68 | 27 | 95 | 35 | 1981 | 52 | 0 | 52 | 3 |
| 1982 | 64 | 31 | 95 | 32 | 1982 | 50 | 0 | 50 | 3 |
| 1983 | 68 | 12 | 80 | 25 | 1983 | 44 | 0 | 44 | 2 |
| 1984 | 57 | 12 | 69 | 29 | 1984 | 49 | 0 | 49 | 3 |
| 1985 | 35 | 9 | 44 | 19 | 1985 | 59 | 0 | 59 | 6 |
| PINAL | | | | | YUMA | | | | |
| 1981 | 19 | 13 | 32 | 8 | 1981 | 21 | 7 | 28 | 5 |
| 1982 | 19 | 10 | 29 | 8 | 1982 | 20 | 16 | 36 | 8 |
| 1983 | 21 | 16 | 37 | 7 | 1983 | 15 | 22 | 37 | 5 |
| 1984 | 14 | 13 | 27 | 8 | 1984 | 7 | 10 | 17 | 4 |
| 1985 | 9 | 8 | 17 | 5 | 1985 | 2 | 14 | 16 | 1 |
| OTHER | | | | | ARIZONA | | | | |
| 1981 | 0 | 0 | 0 | 0 | 1981 | 325 | 47 | 372 | 60 |
| 1982 | 4 | 0 | 4 | 0 | 1982 | 320 | 57 | 377 | 60 |
| 1983 | 3 | 0 | 3 | 0 | 1983 | 293 | 50 | 343 | 46 |
| 1984 | 5 | 10 | 15 | 1 | 1984 | 261 | 45 | 306 | 55 |
| 1985 | 8 | 3 | 11 | 2 | 1985 | 232 | 34 | 266 | 45 |

---

1/ Excludes new crop lambs (those born after September 30 the previous year and on hand January 1).

2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes stock sheep and lambs and new crop lambs.

SHEEP: By class, farm value and lamb crop, Arizona, January 1, 1981-85

| Year | Stock sheep & lambs 1/ | | Sheep and lambs on feed 2/ | All sheep and lambs | Farm value | | Lamb crop | |
|---|---|---|---|---|---|---|---|---|
| | Ewes | Rams and wethers | | | Per head | Total | Breeding ewes Jan. 1 | Lambs saved |
| | 1,000 head | | | | Dollars | 1,000 dol. | 1,000 head | |
| 1981 | 296 | 29 | 47 | 372 | 54.50 | 20,274 | 240 | 210 |
| 1982 | 289 | 31 | 57 | 377 | 68.00 | 25,636 | 235 | 180 |
| 1983 | 252 | 41 | 50 | 343 | 64.50 | 22,124 | 201 | 150 |
| 1984 | 226 | 35 | 45 | 306 | 69.50 | 21,267 | 178 | 125 |
| 1985 | 196 | 36 | 34 | 266 | 62.00 | 16,492 | 148 | 3/ |

---

1/ Ewes, rams and wethers of all ages excluding new crop lambs.

2/ Excludes stock sheep and lambs and new crop lambs.

3/ Not available until lambing is complete.

WOOL PRODUCTION AND VALUE: Arizona, 1980-84

| Year | All sheep shorn 1/ | Weight per fleece | Shorn wool production | Average price per pound | Value of production |
|---|---|---|---|---|---|
| | 1,000 head | Lbs. | 1,000 lbs. | Cents | 1,000 dol. |
| 1980 | 326 | 7.1 | 2,329 | 77 | 1,793 |
| 1981 | 325 | 7.4 | 2,417 | 78 | 1,885 |
| 1982 | 320 | 7.4 | 2,368 | 56 | 1,326 |
| 1983 | 300 | 7.1 | 2,121 | 43 | 912 |
| 1984 | 257 | 7.2 | 1,840 | 51 | 938 |

1/ Includes fed sheep shorn.

SHEEP, LAMBS AND WOOL: Monthly and annual average prices received by producers, Arizona, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dollars per cwt. | | | | | | |
| | | | | | | | SHEEP | | | | | | |
| 1980 | 21.00 | 25.00 | 24.00 | 19.00 | 18.00 | 20.00 | 15.00 | 19.00 | 16.00 | 17.00 | 16.00 | 16.00 | 18.80 |
| 1981 | 19.00 | 20.00 | 20.00 | 19.00 | 20.00 | 19.00 | 20.00 | 19.00 | 15.50 | 16.50 | 18.00 | 18.00 | 18.70 |
| 1982 | 19.50 | 21.50 | 23.00 | 21.50 | 19.30 | 20.00 | 21.00 | 21.00 | 18.00 | 16.00 | 15.00 | 14.00 | 19.20 |
| 1983 | 18.00 | 18.00 | 17.00 | 18.00 | 16.00 | 14.00 | 14.00 | 14.00 | 13.00 | 13.00 | 15.00 | 18.00 | 15.70 |
| 1984 | 18.00 | 21.00 | 18.00 | 18.00 | 16.00 | 16.50 | 17.00 | 19.00 | 19.70 | 19.60 | 21.00 | 26.20 | 17.90 |
| | | | | | | | LAMBS | | | | | | |
| 1980 | 68.50 | 65.50 | 68.00 | 58.00 | 55.00 | 66.00 | 66.50 | 68.00 | 68.00 | 64.00 | 63.50 | 63.50 | 64.50 |
| 1981 | 57.00 | 57.00 | 58.00 | 56.00 | 60.00 | 65.00 | 58.00 | 53.00 | 48.50 | 47.50 | 47.00 | 48.00 | 54.60 |
| 1982 | 48.50 | 52.00 | 58.00 | 60.00 | 63.00 | 60.00 | 58.00 | 54.00 | 53.00 | 50.00 | 48.50 | 52.00 | 56.00 |
| 1983 | 54.00 | 59.00 | 60.00 | 58.00 | 57.00 | 53.00 | 49.00 | 48.00 | 48.00 | 51.00 | 55.00 | 58.00 | 55.70 |
| 1984 | 59.00 | 58.50 | 58.00 | 60.00 | 60.00 | 60.50 | 60.50 | 62.00 | 64.50 | 64.00 | 64.00 | 64.00 | 60.70 |
| | | | | | | | WOOL | | | | | | |
| 1980 | 1/ | 92.00 | 87.00 | 73.00 | 63.00 | 64.00 | 71.00 | 78.00 | 77.00 | 80.00 | 87.00 | 102.00 | 77.00 |
| 1981 | 95.00 | 90.00 | 62.00 | 67.00 | 73.00 | 78.00 | 73.00 | 60.00 | 56.00 | 56.00 | 85.00 | 96.00 | 78.00 |
| 1982 | 93.00 | 92.00 | 94.00 | 39.00 | 40.00 | 39.00 | 36.00 | 32.00 | 34.00 | 90.00 | 41.00 | 45.00 | 56.00 |
| 1983 | 57.00 | 58.00 | 28.00 | 34.00 | 39.00 | 42.00 | 40.00 | 42.00 | 66.00 | 1/ | 72.00 | 73.00 | 43.00 |
| 1984 | 76.00 | 58.00 | 39.00 | 46.00 | 49.00 | 49.00 | 47.00 | 41.00 | 53.00 | 43.00 | 77.00 | 73.00 | 51.00 |

1/ Insufficient sales.

# HOGS & PIGS

Total inventory of all hogs and pigs in Arizona on December 1, 1984 totaled 170,000, up 13 percent from 1983 and the same level as 1981 and 1982. Large farrow-to-finish operations using environmentally controlled facilities to reduce heat stress and improve hygiene are prominant in the State. The increase in inventory during 1984 was due to expansion by a few large operations, as the total number of commercial producers continued to decline.

The 1984 Arizona pig crop totaled 281,000, up 6,000 head from 1983. In the spring period (December-May), 19,000 sows farrowed 144,000 pigs for an average of 7.6 pigs per litter. During the fall (June-November), 18,000 sows farrowed 137,000 pigs, averaging 7.6 pigs per litter.

Commercial hog slaughter in Arizona totaled 261,600 head in 1984, up 33 percent from the previous year. Over 90 percent of commercial hog slaughter is performed by the Arizona Pork Producers Association. Approximately 18 percent of the Association's production is marketed in Phoenix, the balance to Los Angeles.

Prices received by producers remained sluggish in 1984, averaging $49.70 per cwt., up 1 percent from 1983. Little improvement in prices combined with tightening availability of agricultural credit and a sharp increase in pork imports continued to stress the Arizona pork industry.

HOGS: Number of operations and inventory number, Arizona and United States, December 1, 1980-84 1/

| Year | Arizona | | United States | |
|---|---|---|---|---|
| | Operations | Head | Operations | Head |
| | Number | 1,000 | Number | 1,000 |
| 1980 | 630 | 180 | 666,550 | 64,462 |
| 1981 | 660 | 170 | 579,310 | 58,698 |
| 1982 | 660 | 170 | 481,040 | 54,534 |
| 1983 | 590 | 150 | 462,110 | 56,694 |
| 1984 | 600 | 170 | 431,680 | 54,043 |

1/ An operation is any place having one or more hogs and pigs on hand during the year.

HOGS AND PIGS: Inventory, supply, and disposition, Arizona, 1980-84 1/

| Year | Inventory Dec. 1 1/ | Pig crop | | Inshipments | Marketings 2/ | Farm slaughter 3/ | Deaths |
|---|---|---|---|---|---|---|---|
| | | Dec.-May | June-Nov. | | | | |
| | | | | 1,000 head | | | |
| 1980 | 180 | 137 | 144 | 13 | 241 | 1 | 21 |
| 1981 | 170 | 148 | 137 | 7 | 281 | 1 | 20 |
| 1982 | 170 | 139 | 144 | 4 | 273 | 1 | 13 |
| 1983 | 150 | 149 | 126 | 6 | 288 | 1 | 12 |
| 1984 | 170 | 144 | 137 | 10 | 258 | 1 | 12 |

1/ December 1 of previous year.
2/ Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
3/ Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS: Production and income, Arizona, 1980-84

| Year | Production 1/ | Marketings 2/ | Average price per cwt. | Value of production | Cash receipts 3/ | Value of home consumption | Gross income |
|---|---|---|---|---|---|---|---|
| | 1,000 lbs. | 1,000 lbs. | Dollars | 1,000 dol. | 1,000 dol. | 1,000 dol. | 1,000 dol. |
| 1980 | 59,735 | 54,485 | 41.20 | 24,401 | 22,448 | 272 | 22,720 |
| 1981 | 59,222 | 61,812 | 46.50 | 27,425 | 28,743 | 340 | 29,083 |
| 1982 | 61,668 | 61,315 | 57.10 | 35,124 | 35,011 | 410 | 35,421 |
| 1983 | 62,339 | 64,966 | 49.20 | 30,622 | 31,963 | 397 | 32,360 |
| 1984 | 59,762 | 57,447 | 49.70 | 29,531 | 28,551 | 362 | 28,913 |

1/ Includes total live weight of livestock marketed, farm slaughter, and custom slaughter consumed on farms where produced, minus live weight of inshipments, and any increase or decrease in live weight of inventory.
2/ Includes animals for slaughter market, as well as younger animals shipped to other states for feeding or breeding purposes. Excludes interfarm sales within the State and farm slaughter.
3/ Receipts from marketings and sale of farm slaughter.

HOGS AND PIGS: Number on farms, Arizona, by counties, December 1, 1980-84

| County and year | Hogs and pigs | County and year | Hogs and pigs | County and year | Hogs and pigs |
|---|---|---|---|---|---|
| | 1,000 head | | 1,000 head | | 1,000 head |
| COCHISE | | GRAHAM | | MARICOPA | |
| 1980 | 20 | 1980 | 31 | 1980 | 12 |
| 1981 | 18 | 1981 | 30 | 1981 | 10 |
| 1982 | 20 | 1982 | 29 | 1982 | 10 |
| 1983 | 19 | 1983 | 24 | 1983 | 10 |
| 1984 | 25 | 1984 | 26 | 1984 | 13 |
| NAVAJO | | PINAL | | YUMA | |
| 1980 | 70 | 1980 | 11 | 1980 | 21 |
| 1981 | 66 | 1981 | 13 | 1981 | 16 |
| 1982 | 64 | 1982 | 20 | 1982 | 15 |
| 1983 | 69 | 1983 | 13 | 1983 | 8 |
| 1984 | 81 | 1984 | 10 | 1984 | 5 |
| OTHER COUNTIES 1/ | | ARIZONA | | | |
| 1980 | 15 | 1980 | 180 | | |
| 1981 | 17 | 1981 | 170 | | |
| 1982 | 12 | 1982 | 170 | | |
| 1983 | 7 | 1983 | 150 | | |
| 1984 | 10 | 1984 | 170 | | |

1/ Includes estimates for counties not listed.

HOGS AND PIGS: Inventory by class, weight group, and farm value, Arizona, December 1, 1980-84

| Year | Breeding | Market | Market hogs and pigs by weight group | | | | All hogs | Value | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Under 60 lbs. | 60-119 lbs. | 120-179 lbs. | 180 lbs. and over | | Per head | Total |
| | | | | 1,000 head | | | | Dol. | 1,000 dol. |
| 1980 | 23 | 157 | 52 | 36 | 35 | 34 | 180 | 66.00 | 11,880 |
| 1981 | 21 | 149 | 57 | 33 | 33 | 26 | 170 | 74.50 | 12,665 |
| 1982 | 21 | 149 | 58 | 34 | 29 | 28 | 170 | 102.50 | 17,425 |
| 1983 | 18 | 132 | 51 | 30 | 27 | 24 | 150 | 78.00 | 11,700 |
| 1984 | 20 | 150 | 51 | 40 | 31 | 28 | 170 | 92.00 | 15,640 |

PIG CROP: Sows farrowed, pigs per litter, pigs saved, Arizona, 1980-84

| Year 1/ | Total pig crop | | December through May | | | June through November | | |
|---|---|---|---|---|---|---|---|---|
| | Sows farrowed | Pigs saved | Sows farrowed | Pigs per litter | Pigs saved | Sows farrowed | Pigs per litter | Pigs saved |
| | 1,000 | 1,000 | 1,000 | | 1,000 | 1,000 | | 1,000 |
| 1980 | 39 | 281 | 19 | 7.2 | 137 | 20 | 7.2 | 144 |
| 1981 | 37 | 285 | 19 | 7.8 | 148 | 18 | 7.6 | 137 |
| 1982 | 36 | 283 | 18 | 7.7 | 139 | 18 | 8.0 | 144 |
| 1983 | 34 | 275 | 18 | 8.3 | 149 | 16 | 7.9 | 126 |
| 1984 | 37 | 281 | 19 | 7.6 | 144 | 18 | 7.6 | 137 |

1/ December 1 previous year - November 30 current year.

# MEAT PRODUCTION

NUMBER OF LIVESTOCK SLAUGHTERING ESTABLISHMENTS: Arizona, January 1, 1980-85

| Year | Under Federal Inspection | Other | Total |
|---|---|---|---|
| | | Number | |
| 1981 | 7 | 36 | 43 |
| 1982 | 4 | 33 | 37 |
| 1983 | 7 | 29 | 36 |
| 1984 | 8 | 27 | 35 |
| 1985 | 9 | 26 | 35 |

RED MEAT PRODUCTION: Arizona, 1980-1984 1/

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1,000 Pounds | | | | | | |
| 1980 | 19,747 | 18,043 | 16,214 | 17,372 | 17,297 | 20,243 | 27,538 | 25,445 | 27,917 | 29,872 | 22,720 | 25,411 | 267,819 |
| 1981 | 25,260 | 22,582 | 27,588 | 26,405 | 27,855 | 29,838 | 29,588 | 25,347 | 21,154 | 18,421 | 9,197 | 9,111 | 272,347 |
| 1982 2/ | | | 35,726 | | | 66,906 | | | 57,334 | | | 62,284 | 222,250 |
| 1983 | 18,501 | 17,135 | 21,159 | 19,660 | 23,800 | 25,820 | 20,774 | 21,498 | 20,377 | 20,645 | 23,327 | 23,828 | 256,525 |
| 1984 | 25,813 | 27,187 | 29,285 | 28,400 | 32,236 | 30,544 | 25,669 | 25,720 | 22,978 | 27,036 | 24,671 | 23,553 | 323,093 |

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.
2/ 1982 quarterly figures only; monthly estimates discontinued for 1982.

COMMERCIAL CATTLE SLAUGHTER: Number, average, and total liveweight, Arizona, 1980-84

| Year | Cattle | | | Calves | | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Average eight per head | Total live-weight | Number | Average weight per head | Total live-weight | Number | Average weight per head | Total live-weight |
| | | Lbs. | 1,000 Lbs. | | Lbs. | 1,000 Lbs. | | Lbs. | 1,000 Lbs. |
| 1980 | 357,600 | 1,026 | 366,757 | 1,900 | 178 | 345 | 359,500 | 1,021 | 367,102 |
| 1981 | 384,800 | 1,037 | 399,042 | 3,500 | 93 | 328 | 388,300 | 1,029 | 399,370 |
| 1982 | 324,500 | 1,028 | 333,553 | 3,600 | 151 | 548 | 328,100 | 1,018 | 334,101 |
| 1983 | 361,300 | 1,032 | 373,013 | 2,700 | 190 | 509 | 364,000 | 1,026 | 373,522 |
| 1984 | 439,800 | 1,043 | 458,619 | 1/ | | | | | |

1/ Not published to avoid disclosing individual operations.

COMMERCIAL HOG SLAUGHTER: Number, average, and total liveweight, Arizona, 1980-84

| Year | Number | Average weight per head | Total liveweight |
|---|---|---|---|
| | | Lbs. | 1,000 Lbs. |
| 1980 | 264,100 | 224 | 59,141 |
| 1981 | 159,500 | 223 | 35,577 |
| 1982 | 133,000 | 229 | 30,510 |
| 1983 | 196,300 | 227 | 44,636 |
| 1984 | 261,600 | 224 | 58,696 |

COMMERCIAL SHEEP SLAUGHTER: Number, average, and total liveweight, Arizona, 1980-84

| Year | Number | Average weight per head | Total liveweight |
|---|---|---|---|
| | | Lbs. | 1,000 Lbs. |
| 1980 | 2,000 | 101 | 199 |
| 1981 | 2,200 | 107 | 233 |
| 1982 | 2,200 | 109 | 242 |
| 1983 | 2,000 | 110 | 224 |
| 1984 | 2,100 | 112 | 241 |

# POULTRY

Inventory of all chickens in Arizona totaled 490,000 on December 1, 1984, up 90,000 birds from the previous year. The increase was due primarily to an 82,000 head increase in the number of layers on farms. Pullets over 3 months but not of laying age dropped by 3,000 and 'other' chickens increased by 11,000 from December 1, 1983.

The average number of layers during 1984 of 401,000 was down slightly from 406,000 in 1983. Eggs per layer increased from 251 in 1983 to 262 in 1984, resulting in a total production of 105 million eggs.

The State's inventory was valued at $980,000 on December 1, 1984, up nearly 26 percent from the year before.

CHICKENS ON FARMS: Inventory by class, Arizona, December 1, 1980-84 1/

| Year | All chickens | Hens & pullets of laying age | | | Pullets 3 months + & not of laying age | Pullets under three months | Other chickens | Value per head | Total value |
|---|---|---|---|---|---|---|---|---|---|
| | | Hens 1+ | Pullets | Total | | | | | |
| | | | | 1,000 | | | | Dollars | 1,000 dol. |
| 1980 | 550 | 285 | 175 | 460 | 65 | 15 | 10 | 1.50 | 825 |
| 1981 | 530 | 245 | 235 | 480 | 35 | 7 | 8 | 2.15 | 1,140 |
| 1982 | 500 | 340 | 130 | 470 | 15 | 5 | 10 | 1.50 | 750 |
| 1983 | 400 | 280 | 100 | 380 | 12 | 4 | 4 | 1.95 | 780 |
| 1984 | 490 | 173 | 289 | 462 | 9 | 4 | 15 | 2.00 | 980 |

1/ Does not include commercial broilers.

EGG PRODUCTION: Arizona, 1980-84 1/

| Year | Average number of layers during year | Eggs per layer per year | Eggs produced |
|---|---|---|---|
| | 1,000 | Number | Million |
| 1980 | 449 | 252 | 113 |
| 1981 | 400 | 245 | 98 |
| 1982 | 459 | 248 | 114 |
| 1983 | 406 | 251 | 102 |
| 1984 | 401 | 262 | 105 |

1/ Annual estimates cover the period December 1 previous year through November 30.

EGGS: Production, disposition, and income, Arizona 1980-84 1/

| Year | Eggs produced | Home consumption | Eggs sold | Price per dozen | Cash receipts | Value of home consumption 2/ | Value of production |
|---|---|---|---|---|---|---|---|
| | | Million | | Cents | | 1,000 dol. | |
| 1980 | 113 | 1.1 | 111.9 | 43.5 | 4,056 | 40 | 4,096 |
| 1981 | 98 | 1.3 | 96.7 | 55.7 | 4,489 | 60 | 4,549 |
| 1982 | 114 | 1.3 | 112.7 | 50.5 | 4,734 | 63 | 4,797 |
| 1983 | 102 | 1.4 | 100.6 | 55.2 | 4,628 | 64 | 4,692 |
| 1984 | 105 | 1.4 | 103.6 | 61.0 | 5,266 | 71 | 5,337 |

1/ Annual estimates cover the period December 1 previous year through November 30.
2/ Valued at same price as eggs sold.

# WEATHER

Annual rainfall in Arizona is setting a new trend. For the third consecutive year, rainfall has been significantly above average. 1984 began under the influence of the Great Basin High which continued through January 10th. This system brought widespread cloudiness and showers with precipitation amounts generally less than .25 inch in the northern two-thirds of the State. The greatest amounts were near an inch over the southern deserts. Precipitation amounts were below normal at the end of January except for the extreme south and southeast. The entire State had recorded below normal precipitation by the end of February except Nogales, which had received only .13 inch above normal. The driest region extended from Flagstaff to Payson with deficits up to 3.58 inches. Precipitation during March was confined to the north and northeastern portions. Most locations in the southwest had not received any precipitation since the first week in January, and all locations were much below normal by April 1. Stock water supplies were barely adequate and range feed was below average in northern areas. Stock water supplies were short and range feed sparse and brown in the mid-level and desert areas. Temperatures were about normal for most areas during January and March while remaining near normal during February.

April is celebrated as the "month of showers" and in 1984 the adage applied to Arizona. The month began with a storm system that brought precipitation to the northwestern part of the State. A second Pacific storm system crossed the State on the 6th and 7th, spreading rains over most of Arizona. This was the first moisture since early January in the southern areas. Phoenix set a new record of 91 days with no measurable precipitation, breaking the old record of 88 days set in 1918. Tucson ended a 79-day drought, making this the third longest period on record without precipitation. Yuma received precipitation for the first time since January 26. The April showers were beneficial; however, drought conditions persisted in most areas through June. Late growth of cool season forage had been restricted and annual feed was nearly eliminated by the end of June. Stock water supplies were insufficient. April temperatures averaged below normal in the northern third but generally above normal in other areas. May temperatures were 4 to 10 degrees above normal with Gila Bend recording 116 degrees on the 25th for the warmest temperature in the State. Temperatures during June averaged a little below normal until the last week when the monsoon arrived, bringing hot, humid conditions.

The word "monsoon" comes from an Arabic word for season. The term was originally applied to windstorms from over the Arabian Sea. However, the term has come to mean almost any large-scale, wet wind that blows regularly during a definite season. Monsoon is a very moist wind that blows from tropical and subtropical waters to the hot land areas in summer and from the cold land areas to warm waters in winter. The monsoon feature is more pronounced over the southern and central section of the State and becomes more marginal over the northern part. The monsoon onset is often dramatic and occurs when the very hot, dry air is replaced by a surge of moist, tropical air. The results are uncomfortable heat and humidity with an abundance of thunderstorms. A "monsoon day" has been defined as a day with an average dew point of 55 degrees or higher.

The July-September quarter began with the monsoon underway. July and August were almost toally dominated by the summer monsoon. Much drier air spread over the State the first week of September. This brought a pause to the monsoon, which lasted 72 consecutive days in Phoenix, setting a new all-time record. Monsoon conditions returned on the 10th and 11th with widespread thunderstorm activity. One to two inches of rain in the Phoenix area flooded streets and some houses and commercial buildings. The heaviest activity occurred in the Payson area with 2.82 inches recorded. Temperatures averaged near normal for the July-September period. Phoenix recorded 112 degrees on August 30, a new record for that date.

October is usually a transition month between the hot, humid summer and the cool winter. Normally October is one of the drier months in which sunny skies prevail. The length of the day diminishes by one hour during the month and temperatures decrease an average of 12-13 degrees. October 1984, however, was not normal since temperatures averaged below normal the entire month. Precipitation amounts were generally below normal in the western half of the State and above in the eastern half with the largest above-normal amount of 3.30 inches at Pinetop. The first storm system of the month moved into the State on the 2nd with widespread precipitation. Baseball-size hail fell at Globe during the morning and a record hailstorm occurred in the early evening, causing considerable damage to vehicles.

November was dominated by sunny skies with temperatures averaging near normal. Rain moved into the State on the 22nd and 23rd with Payson and Gila Bend each receiving 2.24 inches. Showers were prevalent during December with some rainfall recorded at most stations every week. Heavy rain moved into the State during the second and fourth weeks of December. Temperatures for November and December varied mostly from 3 degrees below normal to 3-4 degrees above, except for the week of December 1. All stations reported below normal readings with temperatures mostly 4 to 11 degrees below normal for that week.

MEAN MONTHLY TEMPERATURE, °F: Arizona, 1984 and long-term average 1/

| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual average |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aguila 2/ | M | M | 57.8 | 60.9 | 75.8 | 78.9 | 85.7 | 83.8 | 79.9 | 62.4 | 53.5 | 45.8 | 68.5 3/ |
| Buckeye | 55.4 | 57.5 | 64.3 | 68.6 | 83.7 | 87.1 | 92.0 | 89.8 | 85.8 | 68.8 | 59.6 | 53.2 | 72.2 |
|  | 51.2 | 55.6 | 60.2 | 67.2 | 75.8 | 85.0 | 92.0 | 89.6 | 83.5 | 72.0 | 59.2 | 51.9 | 70.3 |
| Casa Grande | 51.0 | 53.2 | 61.2 | 65.2 | 81.2 | M | 86.8 | 87.2 | 85.2 | 69.0 | 58.6 | 51.3 | 68.2 4/ |
|  | 51.1 | 55.1 | 59.9 | 67.1 | 75.9 | 85.4 | 91.4 | 88.8 | 83.2 | 72.2 | 59.3 | 51.8 | 70.1 |
| Chandler Heights 2/ | 51.6 | 54.3 | 62.9 | 66.9 | 82.1 | 85.7 | 89.2 | 87.9 | 85.0 | 70.6 | 63.0 | 51.0 | 70.9 |
| Douglas | 45.5 | 46.4 | 54.2 | 58.4 | 72.5 | 75.8 | 77.6 | 75.0 | 73.0 | 60.4 | 51.7 | 47.8 | 61.5 |
|  | 44.9 | 47.6 | 52.5 | 59.7 | 67.5 | 76.9 | 79.1 | 76.9 | 73.1 | 63.3 | 51.9 | 45.3 | 61.6 |
| Flagstaff | 31.7 | 32.8 | 38.3 | 40.7 | 56.8 | 58.5 | 65.7 | 63.8 | 59.3 | 42.4 | 35.3 | 29.0 | 46.2 |
|  | 28.2 | 30.7 | 34.5 | 41.6 | 49.9 | 59.2 | 66.1 | 63.8 | 57.5 | 47.2 | 36.3 | 29.8 | 45.4 |
| Gila Bend | 55.6 | 57.5 | 65.3 | 70.3 | 85.4 | 87.5 | 91.7 | 90.3 | 88.5 | 71.3 | 60.8 | 54.1 | 73.2 |
|  | 53.0 | 57.1 | 61.8 | 69.2 | 78.2 | 87.3 | 94.0 | 91.8 | 86.4 | 74.8 | 61.8 | 53.9 | 72.4 |
| Grand Canyon 2/ | 31.2 | M | 37.6 | M | 58.2 | 61.0 | 65.6 | 63.6 | 59.8 | M | 36.0 | 29.3 | 49.1 5/ |
| Kingman | 44.8 | 46.6 | 52.6 | 57.4 | 74.5 | 76.3 | 80.8 | 78.6 | 76.2 | 58.1 | 49.3 | 41.4 | 61.4 |
|  | 43.2 | 47.0 | 50.5 | 57.6 | 66.5 | 76.2 | 82.9 | 80.8 | 74.8 | 64.2 | 51.8 | 44.3 | 61.7 |
| McNary | 32.8 | 33.2 | 39.5 | 42.3 | 57.4 | 61.3 | 66.3 | 63.0 | 59.6 | 44.6 | 39.3 | 32.8 | 47.7 |
|  | 30.7 | 32.7 | 36.6 | 43.9 | 51.6 | 60.5 | 65.2 | 63.1 | 58.5 | 49.7 | 39.0 | 32.7 | 47.0 |
| Parker | 55.9 | 58.0 | 66.2 | 71.1 | 85.2 | 87.7 | 93.0 | 92.5 | 88.0 | 69.8 | 59.0 | 51.9 | 73.2 |
|  | 52.7 | 57.7 | 62.7 | 70.0 | 78.7 | 87.8 | 94.4 | 92.6 | 86.5 | 74.8 | 61.3 | 53.2 | 72.7 |
| Payson | 40.6 | 41.0 | 47.5 | 51.5 | 65.8 | 68.7 | 74.2 | 73.5 | 68.8 | 52.7 | 43.8 | 39.1 | 55.6 |
|  | 38.6 | 41.5 | 45.0 | 51.6 | 59.7 | 69.1 | 75.5 | 72.8 | 67.1 | 57.3 | 46.1 | 39.4 | 55.3 |
| Phoenix | 57.4 | 60.1 | 67.6 | 70.7 | 87.0 | 88.9 | 91.7 | 91.2 | 87.5 | 71.4 | 61.9 | 53.7 | 74.1 |
|  | 52.3 | 56.1 | 60.6 | 68.0 | 77.0 | 86.5 | 92.3 | 89.9 | 84.6 | 73.4 | 60.6 | 53.3 | 71.2 |
| Prescott | 38.0 | 39.3 | 47.0 | 49.4 | 65.9 | 67.7 | 72.4 | 70.0 | 67.4 | 50.7 | 43.7 | 36.9 | 54.0 |
|  | 36.2 | 39.2 | 42.8 | 49.4 | 57.2 | 66.8 | 73.1 | 70.4 | 65.1 | 55.0 | 44.0 | 37.2 | 53.0 |
| Safford | 45.1 | 46.1 | 54.1 | 59.0 | 73.4 | 80.3 | 82.7 | 80.3 | 76.3 | 61.5 | 52.0 | 45.5 | 63.0 |
|  | 43.7 | 47.5 | 52.9 | 60.5 | 68.8 | 78.5 | 82.9 | 80.4 | 74.9 | 64.3 | 51.8 | 44.2 | 62.5 |
| Tucson | 51.8 | 53.7 | 60.5 | 64.0 | 79.9 | 83.1 | 84.2 | 82.9 | 81.5 | 66.3 | 57.8 | 51.5 | 68.1 |
|  | 51.1 | 53.8 | 57.8 | 65.0 | 73.2 | 82.9 | 86.2 | 84.0 | 80.4 | 70.4 | 58.7 | 52.0 | 68.0 |
| Wilicox | 45.0 | 45.2 | 52.6 | 57.5 | 71.5 | 75.6 | 78.2 | 76.8 | 72.0 | 59.1 | 49.8 | 45.8 | 60.8 |
|  | 42.1 | 45.0 | 49.8 | 56.6 | 64.5 | 74.1 | 79.3 | 76.7 | 71.3 | 60.5 | 48.9 | 42.3 | 59.3 |
| Window Rock | 27.9 | 33.0 | 40.1 | 44.8 | 61.6 | 64.1 | 70.1 | 67.7 | 61.9 | 44.9 | 39.3 | 32.1 | 49.0 |
|  | 27.4 | 31.6 | 36.8 | 44.5 | 53.4 | 63.7 | 69.8 | 67.1 | 60.0 | 49.6 | 37.3 | 29.1 | 47.5 |
| Winslow | 33.0 | 35.9 | 44.9 | 51.8 | 68.9 | 72.5 | 77.4 | 75.7 | 70.2 | 53.0 | 45.4 | 36.0 | 55.4 |
|  | 32.0 | 38.4 | 44.9 | 53.0 | 62.2 | 72.3 | 78.8 | 76.1 | 69.0 | 56.6 | 42.9 | 32.7 | 54.9 |
| Yuma | 60.0 | 61.5 | 67.8 | 70.8 | 85.9 | 87.7 | 92.6 | 92.4 | 90.6 | 73.5 | 63.2 | 56.0 | 75.2 |
|  | 55.9 | 60.0 | 64.2 | 70.7 | 78.3 | 87.2 | 93.6 | 92.4 | 87.3 | 76.4 | 63.8 | 56.5 | 73.9 |

1/ Top row 1984, bottom row long-term average.
2/ Long-term average not available.
3/ Average temperature for 10 months.
4/ Average temperature for 11 months.
5/ Average temperature for 9 months.
M- Missing
Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

TOTAL PRECIPITATION, INCHES: Arizona, 1984 and long-term average 1/

| Stations | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aguila 2/ | M | M | .00 | .28 | .02 | .12 | .76 | 1.22 | 1.50 | .04 | .81 | 3.15 | 7.90 3/ |
| Buckeye | .00 | .00 | .00 | .39 | .00 | .05 | 1.46 | 2.46 | 3.23 | .00 | 2.73 | 3.83 | 14.15 |
|  | .80 | .68 | .74 | .23 | .08 | .07 | .62 | 1.23 | .70 | .60 | .47 | .73 | 6.95 |
| Casa Grande | .36 | .00 | .00 | 1.44 | .62 | M | 3.29 | 4.16 | 1.82 | .04 | 1.29 | 3.96 | 16.98 4/ |
|  | .81 | .66 | .85 | .29 | .11 | .20 | .90 | 1.80 | .61 | .78 | .66 | .91 | 8.58 |
| Chandler Heights | .29 | .00 | .00 | 1.00 | .00 | .26 | 2.27 | 2.53 | 3.57 | .24 | .55 | 4.05 | 14.76 |
|  | .92 | .76 | 1.02 | .28 | .14 | .06 | .83 | 1.22 | .67 | .80 | .70 | .95 | 8.35 |
| Douglas | .96 | .00 | .00 | .42 | .16 | 2.96 | 4.47 | 5.41 | .97 | 1.87 | .38 | 2.37 | 19.97 |
|  | .74 | .47 | .48 | .16 | .16 | .41 | 3.51 | 3.03 | 1.15 | .84 | .45 | .76 | 12.16 |
| Flagstaff | .36 | .13 | .89 | .73 | .21 | .13 | 4.20 | 3.86 | 1.75 | 1.43 | 1.40 | 5.00 | 20.09 |
|  | 2.10 | 1.95 | 2.13 | 1.35 | .75 | .57 | 2.47 | 2.62 | 1.47 | 1.54 | 1.65 | 2.26 | 20.86 |
| Gila Bend | .20 | .00 | .00 | 1.00 | 1.85 | .01 | 4.72 | 1.09 | 1.57 | .00 | 2.33 | 2.36 | 15.13 |
|  | .67 | .49 | .61 | .22 | .10 | .06 | .69 | 1.01 | .46 | .48 | .40 | .63 | 5.82 |
| Grand Canyon 2/ | .24 | M | 1.02 | M | .03 | .84 | 3.26 | 3.52 | .46 | M | 1.01 | 2.74 | 13.12 5/ |
| Kingman | T | .00 | .00 | .00 | .02 | .38 | 3.69 | 5.40 | .36 | .08 | 1.80 | 3.04 | 14.77 |
|  | 1.11 | .96 | 1.11 | .63 | .24 | .24 | .98 | 1.36 | .75 | .67 | .71 | .89 | 9.65 |
| McNary | 1.59 | T | .89 | 2.45 | .25 | .61 | 4.68 | 4.93 | 4.50 | 5.15 | 1.67 | 6.83 | 33.55 |
|  | 2.92 | 2.04 | 3.08 | 1.32 | .74 | .79 | 3.51 | 3.78 | 1.97 | 2.37 | 1.99 | 2.73 | 27.24 |
| Parker | .03 | .00 | .00 | .00 | .00 | .00 | .91 | .35 | 1.06 | .00 | .43 | 3.79 | 6.57 |
|  | .60 | .43 | .47 | .17 | .05 | .02 | .26 | .49 | .40 | .38 | .35 | .46 | 4.08 |
| Payson | .51 | T | .22 | .74 | .29 | 1.13 | 3.13 | 3.20 | 5.06 | 2.21 | 2.32 | 4.97 | 23.78 |
|  | 2.15 | 1.85 | 2.12 | 1.07 | .52 | .44 | 2.81 | 3.16 | 1.76 | 1.85 | 1.53 | 2.02 | 21.28 |
| Phoenix | .31 | .00 | .00 | .91 | .18 | .18 | 5.15 | .87 | 3.36 | .31 | .71 | 2.93 | 14.91 |
|  | .73 | .59 | .81 | .27 | .14 | .17 | .74 | 1.02 | .64 | .63 | .54 | .83 | 7.11 |
| Prescott | .37 | .00 | .19 | .23 | T | .33 | 4.76 | 8.82 | 2.49 | .06 | 2.25 | 3.60 | 23.10 |
|  | 1.72 | 1.51 | 1.53 | .76 | .50 | .53 | 3.15 | 3.45 | 1.49 | 1.22 | 1.33 | 1.65 | 18.84 |
| Safford | 1.21 | T | .00 | .56 | .77 | .91 | 3.24 | 3.16 | 1.15 | .42 | .20 | 2.31 | 13.93 |
|  | .63 | .55 | .56 | .18 | .12 | .24 | 1.76 | 1.55 | .99 | .86 | .40 | .76 | 8.60 |
| Tucson | .62 | .00 | .00 | .36 | .06 | 1.05 | 2.92 | 4.19 | 1.81 | .77 | .45 | 3.30 | 15.53 |
|  | .83 | .63 | .68 | .32 | .14 | .22 | 2.42 | 2.13 | 1.33 | .88 | .62 | .94 | 11.14 |
| Willcox | .88 | .00 | .00 | .43 | .26 | .41 | 4.67 | 1.94 | 1.49 | 1.69 | .60 | 3.62 | 15.99 |
|  | .86 | .62 | .62 | .24 | .15 | .39 | 2.74 | 2.60 | 1.12 | .77 | .44 | .97 | 11.52 |
| Window Rock | .34 | .06 | 1.45 | 1.07 | .07 | T | 1.12 | 2.22 | 1.62 | 2.95 | .17 | 1.09 | 12.16 |
|  | .77 | .67 | .84 | .54 | .45 | .42 | 1.66 | 2.17 | 1.14 | 1.26 | .71 | .88 | 11.51 |
| Winslow | T | .21 | 1.20 | .08 | .05 | .03 | 2.32 | 1.53 | 1.96 | 1.16 | .31 | 1.59 | 10.44 |
|  | .43 | .46 | .51 | .32 | .30 | .35 | 1.14 | 1.41 | .83 | .90 | .41 | .58 | 7.64 |
| Yuma | .14 | .00 | .00 | .55 | T | T | 2.11 | 1.08 | .21 | .00 | .53 | 1.57 | 6.19 |
|  | .38 | .26 | .18 | .13 | .04 | .01 | .15 | .42 | .25 | .29 | .20 | .34 | 2.65 |

1/ Top row 1984, bottom row long-term average.
2/ Long-term average not available.
3/ Total precipitation for 10 months.
4/ Total precipitation for 11 months.
5/ Total precipitation for 9 months.
M- Missing
T- Trace
Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

FREEZE DATES: Last 32° temperature in spring and first in fall, Arizona, 1980-84

| Year | Last in spring | First in fall | Last in spring | First in fall | Last in spring | First in fall |
|---|---|---|---|---|---|---|
| | AGUILA | | BUCKEYE | | CASA GRANDE | |
| 1980 | Apr. 3 | Nov. 17 | Feb. 12 | Nov. 17 | Feb. 15 | Nov. 25 |
| 1981 | Feb. 7 | Nov. 20 | Feb. 6 | Nov. 26 | Feb. 8 | Nov. 20 |
| 1982 | Apr. 8 | Nov. 3 | Mar. 6 | Dec. 27 | Mar. 7 | Oct. 29 |
| 1983 | Apr. 14 | Nov. 21 | Feb. 1 | Nov. 27 | Apr. 5 | Dec. 6 |
| 1984 | Mar. 7 | Nov. 9 | Jan. 29 | Nov. 26 | Mar. 7 | Nov. 26 |
| | CHANDLER HEIGHTS | | DOUGLAS | | FLAGSTAFF | |
| 1980 | Feb. 11 | Nov. 26 | Apr. 14 | Oct. 17 | June 15 | Sept. 22 |
| 1981 | Feb. 7 | Nov. 26 | Apr. 4 | Nov. 2 | May 21 | Oct. 14 |
| 1982 | Feb. 3 | Dec. 24 | Mar. 21 | Nov. 4 | June 9 | Sept. 28 |
| 1983 | Jan. 22 | Nov. 20 | Apr. 22 | Nov. 28 | June 13 | Oct. 20 |
| 1984 | Feb. 27 | Nov. 26 | Apr. 30 | Nov. 10 | June 23 | Sept. 29 |
| | GILA BEND | | GRAND CANYON | | KINGMAN | |
| 1980 | 1/ | 1/ | June 7 | Oct. 15 | Apr. 3 | Nov. 17 |
| 1981 | Feb. 1 | Dec. 23 | May 22 | Oct. 9 | Mar. 21 | Nov. 26 |
| 1982 | Feb. 3 | 1/ | June 8 | Sept. 28 | Apr. 7 | Nov. 11 |
| 1983 | Jan. 21 | Nov. 28 | June 14 | Oct. 15 | Apr. 14 | Nov. 23 |
| 1984 | Feb. 17 | Nov. 27 | June 8 | M | Apr. 27 | Nov. 9 |
| | MCNARY | | PARKER | | PAYSON | |
| 1980 | June 2 | Oct. 15 | 1/ | 1/ | May 25 | Oct. 16 |
| 1981 | May 22 | Oct. 5 | Feb. 5 | Dec. 24 | May 21 | Oct. 16 |
| 1982 | June 9 | Oct. 2 | Jan. 23 | Dec. 27 | May 13 | Oct. 1 |
| 1983 | June 5 | Oct. 13 | Jan. 4 | Dec. 6 | May 6 | Nov. 29 |
| 1984 | May 8 | Oct. 6 | Feb. 24 | Nov. 27 | May 1 | Oct. 26 |
| | PHOENIX | | PRESCOTT | | SAFFORD | |
| 1980 | 1/ | 1/ | May 29 | Oct. 16 | Apr. 14 | Oct. 17 |
| 1981 | 1/ | 1/ | May 21 | Oct. 13 | Mar. 28 | Oct. 31 |
| 1982 | 1/ | 1/ | May 11 | Oct. 1 | Mar. 24 | Nov. 6 |
| 1983 | 1/ | 1/ | May 2 | Nov. 9 | Apr. 15 | Nov. 29 |
| 1984 | 1/ | 1/ | Apr. 30 | Oct. 16 | Apr. 3 | Nov. 18 |
| | TUCSON | | WILLCOX | | WINDOW ROCK | |
| 1980 | 1/ | Nov. 27 | Apr. 15 | Oct. 17 | May 31 | Oct. 9 |
| 1981 | Feb. 2 | Dec. 23 | Apr. 4 | Oct. 17 | May 18 | M |
| 1982 | Mar. 6 | Dec. 3 | Apr. 8 | Oct. 11 | June 1 | Sept. 29 |
| 1983 | Jan. 22 | Nov. 30 | Apr. 16 | Nov. 28 | May 21 | Sept. 21 |
| 1984 | Feb. 27 | Nov. 26 | Apr. 30 | Nov. 2 | May 9 | Oct. 15 |
| | WINSLOW | | YUMA | | | |
| 1980 | May 25 | Oct. 16 | 1/ | 1/ | | |
| 1981 | May 17 | Oct. 23 | 1/ | 1/ | | |
| 1982 | Apr. 21 | Oct. 9 | 1/ | 1/ | | |
| 1983 | May 17 | Nov. 28 | 1/ | 1/ | | |
| 1984 | Apr. 29 | Oct. 16 | 1/ | 1/ | | |

---

1/ No low temperature of 32° or less.

M- Missing

Source: National Oceanic and Atmospheric Administration.

RESERVOIR STORAGE: Arizona, April 1, 1981-85

| Basin or stream | Reservoir | Usable Capacity | Usable storage | | | | |
|---|---|---|---|---|---|---|---|
| | | | 1981 | 1982 | 1983 | 1984 | 1985 |
| | | | Thousand acre feet | | | | |
| GILA RIVER DRAINAGE | | | | | | | |
| Agua Fria | Lake Pleasant | 157.6 | 103.6 | 97.8 | 157.5 | 125.4 | 123.0 |
| Granite | Watson Lake | 4.7 | 2.4 | 4.6 | 4.7 | 3.9 | 4.5 |
| Granite | Willow Creek | 6.1 | 0.9 | 6.1 | 6.1 | 5.7 | 6.1 |
| Gila | San Carlos | 935.0 | 611.0 | 276.2 | 580.6 | 875.0 | 1/ 944.0 |
| Gila | Painted Rock Dam | 2,492.0 | 0.0 | 3.4 | 567.0 | 6.0 | 276.0 |
| Salt | Roosevelt, Apache, Canyon, and Saguaro | 1,709.0 | 1,388.0 | 1,436.4 | 1,652.4 | 1,479.0 | 1,283.0 |
| Verde | Bartlett and Horseshoe | 309.6 | 98.5 | 301.9 | 297.3 | 219.0 | 309.0 |
| COLORADO RIVER DRAINAGE | | | | | | | |
| Colorado | Lake Havasu | 619.4 | 575.0 | 561.1 | 567.5 | 547.0 | 573.0 |
| Colorado | Lake Mohave | 1,810.0 | 1,705.0 | 1,677.0 | 1,714.0 | 1,709.0 | 1,733.0 |
| Colorado | Lake Mead | 26,159.0 | 22,229.0 | 23,380.0 | 24,638.0 | 23,804.0 | 23,861.0 |
| Colorado | Lake Powell | 25,002.0 | 21,585.0 | 19,641.0 | 22,604.0 | 21,057.0 | 21,398.0 |
| Little Colorado | Lyman Lake | 30.6 | 23.6 | 15.2 | 2/ | 2/ | 30.0 |
| Show Low Creek | Show Low Lake | 5.1 | 1.0 | 1.4 | 5.1 | 3.6 | 5.1 |

WATER SUPPLY: Arizona can expect above average surface water supplies through the remainder of the 1985 water year. Runoff is expected to be 144% of average on the Salt River, 107% on Tonto Creek, but only 74% of average on the Verde River. The San Francisco River should run 135% at Clifton. Discharge on the Gila River is forecast to be 148% of average at Virden, 149% at the Head of Safford Valley, and 130% at Calva. Average runoff is forecast for the Little Colorado River above Lyman Reservoir. The Virgin River near Littlefield is forecast at 108% and inflow to Lake Powell on the Colorado River is forecast at 138%.

SNOWPACK: Snowpack water equivalent reached its maximum in mid-February on the basins as a whole. Even though new snow was added from periodic storms, the rate of melt led to a steady decline in the snowpack. The most rapid loss occurred in the first half of March. During the second half of March net losses continued but at a lesser rate. A few areas have shown modest increases in snowpack between March 15 and April 1. These are primarily the north rim of the Grand Canyon, the Chuska Mountains on the Navajo Reservation, and the San Francisco Peaks above 10,000 feet elevation. The April 1 snowpack was still near average on the watersheds even though snow cover was gone or discontinuous on many snow courses below 7,500 feet elevation. The Verde basin was 105% of average; the Salt River, 96%; the Gila/San Francisco, 95%; and the upper Little Colorado River, 94%. The Grand Canyon was 112%. The snowpack on the Chuska Mountains is estimated to be 150% to 160% of average.

PERCIPITATION: Storm systems crossed Arizona on a regular basis during March. As a result most areas received above average precipitation for the month. Percentages of average ranged from 95% on the Verde basin to 158% on the Gila/San Francisco watershed. The lower Colorado River area was 111% of average; the Little Colorado River, 131%; and the Salt River, 135%.

STREAMFLOW: March streamflow was well above average as a result of rapidly melting snow combined with runoff from rain. On most watersheds a large percentage of the snowpack had already melted and run off.

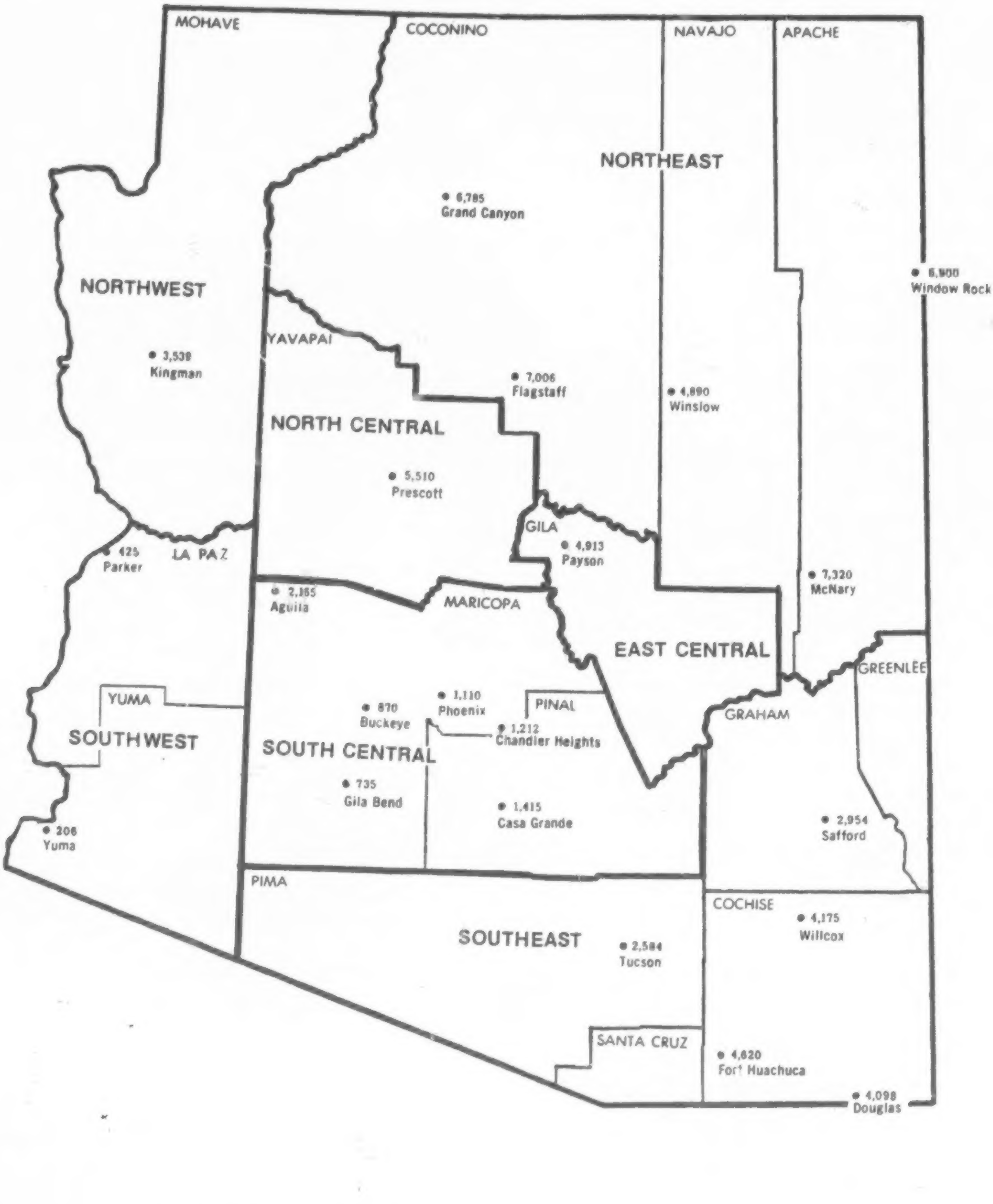
RESERVOIR STORAGE: April 1 reservoir storage is above average with many impoundments at or near capacity. Salt River Project reports a combined storage of 1,961,000 acre feet at 97% of capacity. Lake Pleasant is at 78% of capacity with 123,000 acre feet. San Carlos is holding 944,000 acre feet. Painted Rock holds 276,000 acre feet. Lyman Lake is at 96% of capacity with 30,000 acre feet. Show Low Lake is full with 5,100 acre feet. Willow Lake is also full with 6,100 acre feet. Watson Lake contains 4,500 acre feet at 96% of capacity. Combined storage of lakes Powell, Mead, Mohave, and Havasu totals 47,565,000 acre feet at 89% of capacity.

---

1/ Lake level above spillway elevation.
2/ Not available.
Source: U.S. Department of Agriculture, Soil Conservation Service, April, 1985.

## SELECTED WEATHER STATIONS AND ELEVATION

### ARIZONA


MOHAVE
COCONINO
NAVAJO
APACHE
NORTHEAST
6,785
Grand Canyon
6,900
Window Rock
NORTHWEST
3,539
Kingman
YAVAPAI
7,006
Flagstaff
4,890
Winslow
NORTH CENTRAL
5,510
Prescott
GILA
4,913
Payson
425
Parker
LA PAZ
7,320
McNary
2,165
Aguila
MARICOPA
EAST CENTRAL
GREENLEE
YUMA
870
Buckeye
1,110
Phoenix
PINAL
1,212
Chandler Heights
GRAHAM
SOUTHWEST
SOUTH CENTRAL
735
Gila Bend
1,415
Casa Grande
2,954
Safford
206
Yuma
PIMA
COCHISE
4,175
Willcox
SOUTHEAST
2,584
Tucson
SANTA CRUZ
4,620
Fort Huachuca
4,098
Douglas

# FARM LABOR

FARM WAGE RATES: Arizona, by survey week, January 1980-October 1984 1/

| Survey week and year | Type of work |  |  |  |  |  | Method of pay |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|
|  | All hired workers | Field | Live stock | Combined field and live-stock | Super-visory | Other | Hourly | Cash wages only 2/ | By hour receiv-ing cash wages only 2/ | Other |
|  | Dollars per hour |  |  |  |  |  |  |  |  |  |
| 1980 |  |  |  |  |  |  |  |  |  |  |
| January 6-12 | 3.59 | 3.25 | 3.00 | 3.21 | 5.27 | 3/ | 3.60 | 3.63 | 3.62 | 3.59 |
| April 6-12 | 3.52 | 3.25 | 3.20 | 3.24 | 5.43 | 3/ | 3.46 | 3.49 | 3.40 | 3.52 |
| July 6-12 | 3.68 | 3.42 | 3.05 | 3.35 | 5.24 | 3/ | 3.65 | 3.79 | 3.57 | 3.68 |
| October 12-18 | 3.65 | 3.38 | 3.08 | 3.29 | 5.57 | 3/ | 3.54 | 3.88 | 3.55 | 3.65 |
| 1981 |  |  |  |  |  |  |  |  |  |  |
| January 11-17 | 4.05 | 3.75 | 3.50 | 3.70 | 5.98 | 3/ | 3.69 | 4.09 | 3.82 | 4.04 |
| April 12-18 | 4.10 | 3.85 | 3.49 | 3.78 | 5.48 | 3/ | 3.79 | 3.90 | 3.85 | 4.10 |
| 1982 |  |  |  |  |  |  |  |  |  |  |
| July 11-17 | 4.18 | 4.11 | 3.94 | 4.08 | 3/ | 3/ | 3.89 |  |  | 4.58 |
| 1983 |  |  |  |  |  |  |  |  |  |  |
| July 10-16 | 4.44 | 4.24 | 4.17 | 4.23 | 3/ | 4.80 | 4.25 |  |  | 5.05 |
| 1994 |  |  |  |  |  |  |  |  |  |  |
| July 8-14 | 4.22 | 3.87 | 4.15 | 3.92 | 6.17 | 4.75 | 3.93 |  |  | 5.28 |
| October 7-13 | 4.80 | 4.61 | 4.17 | 4.52 | 6.42 | 5.22 | 4.51 |  |  | 5.61 |

1/ Excludes agricultural service workers.
2/ Not estimated separately after 1981.
3/ Insufficient data for this category but included in all hired farm workers.

FARM LABOR: Arizona, by survey week, January 1980-October 1984

| Survey week and year | Number of workers |  |  |  |  |  |  | Hours worked per worker |  |  |
|---|---|---|---|---|---|---|---|---|---|---|
|  | Hired |  |  | Other |  |  | Total all | Self em-ployed | Other unpaid workers | Hired |
|  | 150 days or more 1/ | 149 days or less 1/ | Total | Self em-ployed 1/ | Unpaid 1/ | Total |  |  |  |  |
|  | Thousands |  |  |  |  |  |  | Hours |  |  |
| 1980 |  |  |  |  |  |  |  |  |  |  |
| January 6-12 |  |  | 11.0 |  |  | 14.0 | 25.0 | 42.4 | 27.1 | 48.2 |
| April 6-12 |  |  | 15.0 |  |  | 13.0 | 28.0 | 47.5 | 38.0 | 51.2 |
| July 6-12 |  |  | 16.0 |  |  | 15.0 | 31.0 | 47.0 | 30.9 | 48.1 |
| October 12-18 |  |  | 13.0 |  |  | 14.0 | 27.0 | 45.3 | 38.7 | 53.0 |
| 1981 |  |  |  |  |  |  |  |  |  |  |
| January 11-17 |  |  | 15.0 |  |  | 14.0 | 29.0 | 39.5 | 38.7 | 45.4 |
| April 12-18 |  |  | 12.0 |  |  | 14.0 | 26.0 | 40.0 | 41.3 | 48.4 |
| 1982 |  |  |  |  |  |  |  |  |  |  |
| July 11-17 | 9.0 | 4.0 | 13.0 | 1.0 | 14.0 | 15.0 | 28.0 | 44.0 | 33.1 | 46.3 |
| 1983 |  |  |  |  |  |  |  |  |  |  |
| July 10-16 | 10.0 | 3.0 | 13.0 | 3.5 | 12.0 | 15.5 | 28.5 | 42.6 | 40.7 | 48.6 |
| 1984 |  |  |  |  |  |  |  |  |  |  |
| July 8-14 | 11.0 | 4.0 | 15.0 | 3.5 | 11.0 | 14.5 | 29.5 | 47.4 | 29.6 | 55.5 |
| October 7-13 | 8.0 | 3.0 | 11.0 | 3.0 | 11.0 | 14.0 | 25.0 | 50. 2 | 40.0 | 48.1 |

1/ Not estimated separately prior to 1982.

FARM LABOR: Cash wages, value of perquisites, and total hired labor expense, Arizona, 1979-83

| Year | Cash wages |  |  | Value of perquisites provided 1/ | Total hired labor expense |
|---|---|---|---|---|---|
|  | Contract labor | All other labor | Total |  |  |
|  | Million dollars |  |  |  |  |
| 1979 | 30.7 | 122.1 | 152.8 | 12.4 | 165.2 |
| 1980 | 33.4 | 133.2 | 166.6 | 13.1 | 179.7 |
| 1981 | 33.1 | 139.7 | 172.8 | 14.4 | 187.2 |
| 1982 | 39.6 | 165.6 | 205.2 | 17.0 | 222.2 |
| 1983 | 38.2 | 162.5 | 200.7 | 14.7 | 215.4 |

1/ Perquisites are items of value provided to farm workers in addition to regular wages. Included are housing, food, transportation, utilities, insurance, bonuses, etc.
Source: Economic Indicators of the Farm Sector, U.S.D.A. Economic Research Service.

# INTERNATIONAL TRADE

Jimmye S. Hillman

It is not possible under present methods of statistical measurement to determine what amount of Arizona's production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series exists. If such figures were available they would be of little use to farm analysts and producers unless they bore some regular relationship to the state's annual agricultural production.

The alternative that is usually taken is to impute to each state a share of U.S. exports proportional to its share of total U.S. production. The export values appearing in the following table were calculated in this manner for the years 1979-80 through 1983-84. The ratio of Arizona production to U.S. production for each commodity listed was multipled by the value of U.S. exports of that commodity. The same procedure can also yield an export value share for the southwest states taken together. While in certain cases the actual export value can be found to differ from the imputed export share, the defense of the calculation rests on the principle that supplies of a given commodity from one state or another are essentially interchangeable in domestic and foreign markets.

To make the apportionment of exports to states more realistic, data for certain groups such as feed grains were limited to states that account for 90 percent of the output. It was also assumed that a state would share in exports only if it had an apparent surplus. The latter involves computing grain-consuming animal units and the amount of grain needed to sustain those number.

---

For a detailed analysis see, Arizona and the U.S. Foreign Trade in Agricultural Commodities, by Robert Rothenberg and Jimmye S. Hillman, College of Agriculture, University of Arizona, July 1983.

AGRICULTURAL EXPORTS: Arizona's equivalent share of value, by commodity group, fiscal years 1979/80-1983/84 1/

| COMMODITY GROUP | 1979/80 | 1980/81 | 1981/82 | 1982/83 | 1983/84 |
|---|---|---|---|---|---|
| | | | Million dollars | | |
| Wheat and products | 33.6 | 36.8 | 35.0 | 28.0 | 30.4 |
| Cotton, including linters | 279.3 | 288.3 | 222.5 | 165.3 | 238.9 |
| Cottonseed and products | 24.7 | 30.0 | 23.6 | 12.9 | 11.1 |
| Fruits and preparations | 41.8 | 48.6 | 44.8 | 44.2 | 40.8 |
| Vegetables and preparations | 8.7 | 13.2 | 13.1 | 9.0 | 9.1 |
| Animals and meats (excludes poultry) | 12.8 | 15.9 | 16.6 | 6.7 | 8.0 |
| Hides and skins | 8.2 | 11.2 | 11.1 | 8.1 | 11.2 |
| Poultry and products | .2 | .3 | .2 | -- | -- |
| Lard and tallow | 10.8 | 11.3 | 9.6 | 5.7 | 6.7 |
| Dairy products | .1 | .8 | .4 | .4 | .5 |
| Other | 10.1 | 10.6 | 10.3 | 10.8 | 10.9 |
| ARIZONA | 430.3 | 467.0 | 387.2 | 291.1 | 367.6 |
| UNITED STATES | 40,481.4 | 43,780.1 | 39,094.5 | 34,769.5 | 38,026.6 |

1/ Fiscal years October 1-September 30.
Source: Foreign Agricultural Trade of the United States, U.S.D.A. Economics Research Service.

## VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE: Agricultural and nonagricultural, 1970-84 1/

| Year | Agricultural | Nonagricultural | Total | Agricultural percent of total |
|---|---|---|---|---|
| | | Million dollars | | Percent |
| U.S. EXPORTS | | | | |
| 1970 | 6,958 | 34,337 | 41,295 | 17 |
| 1971 | 7,955 | 35,928 | 43,883 | 18 |
| 1972 | 8,242 | 36,633 | 44,875 | 18 |
| 1973 | 14,984 | 47,759 | 62,743 | 24 |
| 1974 2/ | 21,559 | 69,423 | 90,982 | 24 |
| 1975 | 21,817 | 83,178 | 104,995 | 21 |
| 1976 | 22,742 | 89,047 | 111,789 | 20 |
| 1977 | 23,974 | 95,144 | 119,118 | 20 |
| 1978 | 27,289 | 104,270 | 131,559 | 21 |
| 1979 | 31,979 | 135,639 | 167,618 | 19 |
| 1980 | 40,481 | 169,753 | 210,234 | 19 |
| 1981 | 43,780 | 185,423 | 229,203 | 19 |
| 1982 | 39,095 | 176,310 | 215,405 | 18 |
| 1983 | 34,769 | 159,373 | 194,142 | 18 |
| 1984 | 38,027 | 170,014 | 208,041 | 18 |
| U.S. IMPORTS | | | | |
| 1970 | 5,686 | 33,379 | 39,065 | 15 |
| 1971 | 6,128 | 38,744 | 44,872 | 14 |
| 1972 | 5,936 | 45,926 | 51,862 | 14 |
| 1973 | 7,737 | 57,521 | 65,258 | 12 |
| 1974 3/ | 10,031 | 81,995 | 92,026 | 11 |
| 1975 | 9,435 | 89,251 | 98,686 | 10 |
| 1976 | 10,492 | 103,743 | 114,235 | 9 |
| 1977 | 13,357 | 129,061 | 142,418 | 9 |
| 1978 | 13,886 | 152,095 | 165,981 | 8 |
| 1979 | 16,186 | 177,424 | 193,610 | 8 |
| 1980 | 17,276 | 219,305 | 236,581 | 7 |
| 1981 | 17,218 | 237,469 | 254,687 | 7 |
| 1982 | 15,481 | 233,353 | 248,834 | 6 |
| 1983 | 16,271 | 230,629 | 246,900 | 7 |
| 1984 | 18,898 | 297,754 | 316,652 | 6 |
| TRADE BALANCE | | | | |
| 1970 | 1,272 | 958 | 2,230 | |
| 1971 | 1,827 | -2,816 | -989 | |
| 1972 | 2,306 | -9,293 | -6,987 | |
| 1973 | 7,247 | -9,672 | -2,515 | |
| 1974 | 11,528 | -12,572 | -1,044 | |
| 1975 | 12,382 | -6,073 | 6,309 | |
| 1976 | 12,250 | -14,696 | -2,446 | |
| 1977 | 10,617 | -33,917 | -23,300 | |
| 1978 | 13,403 | -47,825 | -34,422 | |
| 1979 | 15,793 | -41,785 | -25,992 | |
| 1980 | 23,205 | -49,552 | -26,347 | |
| 1981 | 26,562 | -52,046 | -25,484 | |
| 1982 | 23,614 | -57,043 | -33,429 | |
| 1983 | 18,498 | -71,256 | -52,758 | |
| 1984 | 19,129 | -127,740 | -108,611 | |

---

1/ Fiscal years October 1-September 30.

2/ Domestic exports, beginning October 1, 1973 including Defense Department Grant-Aid.

3/ Imports for consumption, customs value basis, beginning October 1, 1973.

Source: U.S. Foreign Agricultural Trade, Statistical Report, Fiscal Year 1984, U.S.D.A. Economic Research Service.

# OTHER STATISTICS

USUAL PLANTING AND HARVESTING DATES: By crops and principal producing areas, Arizona

| Crop | Usual planting dates | Usual harvesting dates | | | Principal producing counties |
|---|---|---|---|---|---|
| | | Begins | Most active | Ends | |
| FIELD CROPS | | | | | |
| ALFALFA HAY | | Mar. 1 | | Dec. 1 | Maricopa, Yuma, La Paz, Pinal |
| BARLEY | Nov. 15 - Feb. 5 | May 15 | June 1 - June 30 | July 1 | Pinal, Maricopa, Yuma, Graham, Cochise |
| CORN FOR GRAIN | Apr. 1 - June 1 | Sept. 15 | Oct. 1 - Nov. 1 | Dec. 1 | Cochise, Graham, Apache, Navajo, Maricopa |
| ALL COTTON | Mar. 15 - May 15 | Sept. 15 | Nov. 1 - Dec. 30 | Feb. 1 | Maricopa, Pinal, La Paz, Yuma, Graham, Cochise, Pima |
| SORGHUM GRAIN | Apr. 1 - July 1 | Sept. 1 | Oct. 1 - Oct. 30 | Dec. 15 | Maricopa, Pinal, Graham, Cochise, Yuma |
| ALL WHEAT | Nov. 15 - Feb. 5 | May 15 | June 1 - June 30 | July 15 | Maricopa, Pinal, Yuma, La Paz, Pima, Graham |
| VEGETABLES, MELONS, AND POTATOES | | | | | |
| BROCCOLI | Aug. 5 - Oct. 15 | Nov. 1 | Dec. 1 - Feb. 28 | Mar. 20 | Maricopa, Yuma, La Paz |
| CANTALOUPS | | | | | |
| Summer | Feb. 1 - Apr. 15 | May 20 | June 10 - July 10 | July 31 | La Paz, Maricopa, Yuma, Pinal |
| Fall | July 15 - Sept. 10 | Sept. 30 | Nov. 1 | Nov. 30 | Maricopa, Pinal |
| CARROTS | Aug. 20 - Mar. 1 | Oct. 10 | Jan. 1 - June 30 | July 31 | Maricopa, Pinal, Cochise |
| CAULIFLOWER | Sept. 1 - Nov. 1 | Nov. 15 | Jan. 1 - Feb. 15 | Apr. 30 | Yuma, Maricopa |
| HONEYDEWS | | | | | |
| Spring | Mar. 1 - Apr. 15 | June 15 | July 1 - Aug. 1 | Aug. 10 | La Paz, Maricopa, Mohave |
| Fall | July 15 - Sept. 15 | Sept. 15 | Oct. 15 | Nov. 30 | Maricopa, La Paz |
| OTHER LETTUCE | | | | | |
| Spring | Nov. 1 - Feb. 15 | Mar. 10 | Apr. 15 - Apr. 25 | June 20 | Maricopa, Cochise, Pinal, Pima |
| Fall | July 20 - Sept. 15 | Sept. 15 | Oct. 20 - Nov. 30 | Dec. 15 | Maricopa, Cochise, Pinal, Pima |
| WESTERN LETTUCE | Aug. 15 - Dec. 1 | Nov. 1 | Dec. 1 - Mar. 31 | Apr. 25 | Yuma, La Paz |
| DRY ONIONS | Oct. 10 - Dec. 5 | May 1 | May 20 - June 15 | July 1 | Maricopa, La Paz, Cochise, Pinal |
| WATERMELONS | Jan. 20 - Mar. 15 | Sept. 20 | Nov. 1 | Nov. 30 | Maricopa, Pinal, Yuma, La Paz, Cochise, Mohave |
| SPRING POTATOES | Jan. 1 - Jan. 31 | Apr. 15 | May 15 - June 15 | Aug. 15 | Maricopa, Navajo, Cochise |
| CITRUS | | | | | |
| GRAPEFRUIT | | Nov. 1 | Dec. 1 - June 30 | July 31 | Maricopa, Yuma |
| LEMONS | | Aug. 1 | Sept. 20 - Feb. 15 | Mar. 1 | Yuma, Maricopa |
| NAVEL ORANGES | | Nov. 1 | Nov. 1 - Dec. 15 | Jan. 1 | Maricopa, Yuma |
| VALENCIA ORANGES | | Mar. 1 | Mar. 1 - June 1 | June 30 | Maricopa, Yuma |
| TANGERINES | | Nov. 1 | Dec. 1 - Feb. 1 | Mar. 1 | Maricopa, Yuma |

AVERAGE COST OF IRRIGATION ENERGY: Arizona, January 1 and July 1, 1980-84 1/

| Year | Electric | | Fuel adjustment | | Natural gas | | Fuel adjustment | |
|---|---|---|---|---|---|---|---|---|
| | January | July | January | July | January | July | January | July |
| | Cents per KWH 2/ | | Cents per KWH | | Cents per therm 2/ | | Cents per therm | |
| 1980 | 4.31 | 4.31 | 0.600 | 0.530 | 26.30 | 29.66 | 9.39 | 9.39 |
| 1981 | 4.26 | 4.04 | 0.600 | 0.530 | 30.41 | 29.70 | 9.39 | 7.16 |
| 1982 | 5.59 | 5.28 | 0.390 | 0.390 | 45.37 | 43.18 | 7.84 | 11.14 |
| 1983 | 5.62 | 5.08 | 0.000 | 0.000 | 50.82 | 48.02 | 15.60 | 15.60 |
| 1984 | 6.14 | 6.03 | 0.000 | 0.000 | 48.28 | 52.01 | 15.60 | .006 |

1/ To be used for comparison only. Includes only wells drawing power from Arizona Public Service.
2/ Includes fuel adjustment.
Source: Arizona Public Service and Southwest Gas Company.
Definitions: 1 KWH equal 1,000 watts operating for 1 full hour.
1 KW equals 1,000 watts.
1 HP equals 746 watts.
.746 KWH equals 1 HP operating for 1 full hour.
1 Therm equals that unit of gas having 100,000 BTU's (British Thermal Unit) of heating value.

ELECTRICITY AND TELEPHONE USEAGE AND CHARGES: Arizona 1980-84 1/

| Year | Electricity | | | Telephone | |
|---|---|---|---|---|---|
| | Average monthly kilowatt-hours used | Average monthly bill | Cost per kilowatt-hour | Average monthly local bill | Average monthly total bill |
| | KWH | Dollars | Cents | Dollars | Dollars |
| 1980 | 2,700 | 165.00 | 6.10 | 16.00 | 41.00 |
| 1981 | 2,500 | 190.00 | 7.60 | 16.60 | 44.60 |
| 1982 | 3,000 | 222.00 | 7.40 | 19.00 | 60.00 |
| 1983 | 2,600 | 190.00 | 7.30 | 21.50 | 66.50 |
| 1984 | 3,300 | 257.00 | 7.80 | 21.70 | 88.80 |

1/ Based on an annual survey conducted in July and August. Data reflects most recent bill, usually June or July; all types of farms included.

MOTOR FUELS: Prices paid by farmers, Arizona, 1980-84

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Dollars per gallon | | | | | | |
| | | | | | | DIESEL FUEL | | | | | | |
| 1980 | .85 | .95 | 1.03 | 1.03 | 1.10 | 1.05 | 1.06 | .97 | 1.01 | 1.05 | 1.05 | 1.08 |
| 1981 | 1.09 | 1.14 | 1.17 | 1.13 | 1.16 | 1.18 | 1.18 | 1.18 | 1.24 | 1.23 | 1.20 | 1.20 |
| 1982 | 1.24 | 1.25 | 1.17 | 1.06 | 1.05 | 1.06 | 1.07 | 1.10 | 1.07 | 1.06 | 1.11 | 1.12 |
| 1983 | 1.09 | 1.03 | .96 | .96 | .95 | .98 | .99 | 1.00 | .99 | 1.00 | .99 | .98 |
| 1984 | .97 | .97 | .98 | 1.01 | 1.00 | 1.00 | .95 | .94 | .95 | .94 | .96 | .95 |
| | | | | | | GASOLINE, REGULAR, BULK DELIVERY | | | | | | |
| 1980 | .97 | 1.09 | 1.12 | 1.16 | 1.17 | 1.17 | 1.14 | 1.16 | 1.15 | 1.17 | 1.17 | 1.14 |
| 1981 | 1.14 | 1.26 | 1.28 | 1.29 | 1.29 | 1.29 | 1.31 | 1.31 | 1.34 | 1.27 | 1.26 | 1.28 |
| 1982 | 1.27 | 1.24 | 1.19 | 1.12 | 1.13 | 1.20 | 1.24 | 1.24 | 1.21 | 1.22 | 1.17 | 1.13 |
| 1983 | 1.10 | 1.07 | .99 | 1.05 | 1.10 | 1.16 | 1.17 | 1.19 | 1.16 | 1.10 | 1.13 | 1.10 |
| 1984 | 1.15 | 1.09 | 1.11 | 1.17 | 1.16 | 1.18 | 1.13 | 1.08 | 1.10 | 1.13 | 1.12 | 1.11 |
| | | | | | | GASOLINE, UNLEADED, SERVICE STATION | | | | | | |
| 1980 | 1.14 | 1.21 | 1.22 | 1.24 | 1.23 | 1.23 | 1.25 | 1.20 | 1.21 | 1.22 | 1.24 | 1.22 |
| 1981 | 1.23 | 1.32 | 1.35 | 1.36 | 1.36 | 1.37 | 1.37 | 1.38 | 1.40 | 1.36 | 1.36 | 1.36 |
| 1982 | 1.39 | 1.38 | 1.31 | 1.26 | 1.26 | 1.29 | 1.35 | 1.34 | 1.33 | 1.32 | 1.31 | 1.29 |
| 1983 | 1.24 | 1.18 | 1.12 | 1.16 | 1.18 | 1.22 | 1.25 | 1.25 | 1.26 | 1.24 | 1.21 | 1.22 |
| 1984 | 1.25 | 1.24 | 1.20 | 1.25 | 1.29 | 1.27 | 1.23 | 1.22 | 1.23 | 1.21 | 1.22 | 1.22 |

## COTTON GINNING CHARGES, HARVESTING PRACTICES, AND SELECTED MARKETING COSTS: Arizona, 1979/80-1983/84

| Item | Unit | 1979/80 | 1980/81 | 1981/82 | 1982/83 | 1983/84 |
|---|---|---|---|---|---|---|
| BALES GINNED (running bales) | Thousands | 1,247 | 1,383 | 1,497 | 1,039 | 688 |
| ACTIVE GINS | Number | 120 | 120 | 120 | 112 | 98 |
| WRAPPING & GINNING CHARGES PER BALE: | | | | | | |
| Total charge per 480-lb. net weight bale 1/ | Dollars | 33.91 | 38.60 | 42.91 | 42.87 | 43.17 |
| Charges per bale for bagging and ties when assessed separately | Dollars | 2/ | 2/ | 5.00 | 2/ | 2/ |
| METHOD OF HARVESTING: | | | | | | |
| Machine-picked | Percent | 94 | 89 | 89 | 86 | 86 |
| Machine-stripped | Percent | -- | 3/ | 3 | 3 | 2 |
| Machine-scrapped | Percent | 6 | 11 | 8 | 11 | 12 |
| WEIGHT OF SEED COTTON PER 480-LB. NET WEIGHT BALE: | | | | | | |
| Machine-picked | Pounds | 1,468 | 1,511 | 1,459 | 1,443 | 1,475 |
| Machine-stripped | Pounds | -- | 1,649 | 2,057 | 3/ | 4/ |
| Machine-scrapped | Pounds | 1,764 | 1,870 | 1,872 | 1,881 | 1,907 |
| COTTON GINNED FROM: | | | | | | |
| Trailers | Percent | 70 | 59 | 44 | 40 | 45 |
| Modules | Percent | 30 | 41 | 56 | 60 | 55 |
| PROPORTION OF PRODUCTION PURCHASED BY GINNERS FROM GROWERS AS BALED LINT: | Percent | 2 | 9 | 3/ | 4/ | 4/ |
| Ginners purchases as | | | | | | |
| Principal | Percent | 4/ | 4/ | 4/ | 4/ | 4/ |
| Agents | Percent | 100 | 100 | 100 | 4/ | 4/ |
| CHARGES FOR WAREHOUSING AND RELATED SERVICES 5/: | | | | | | |
| Charge per bale for receiving | Dollars | 2/ | 2/ | 2/ | 2/ | 2/ |
| Charge per bale per month for insured storage | Dollars | 1.40 | 1.60 | 1.65 | 1.57 | 1.74 |
| Charge per bale for compressing to universal density | Dollars | 5.28 | 6.02 | 6.21 | 6.08 | 6.02 |
| Charge per bale for outhandling | Dollars | 4/ | 4/ | 5.20 | 5.02 | 4.93 |

---

1/ Includes bagging and ties, drying of seed cotton and use of lint cleaners, but does not reflect any patronage dividends or customer rebates.
2/ Separate charges not available.
3/ Less than 1 percent.
4/ Not available.
5/ Based on published tariffs.
Source: U.S. Department of Commerce, Bureau of the Census and USDA-AMS, Cotton Division (released each August).

## COTTON OBJECTIVE YIELD FORECASTING PROGRAM

The upland cotton yield forecasting program of the Crop and Livestock Reporting Service includes regular interviews with farmers and objective measurements from samples in randomly selected fields.

During the yield forecasting season (August 1 to harvest), trained enumerators make monthly visits to randomly selected fields across the State. Row spacing measurements, plant counts, fruit counts, and other pertinent information affecting crop yields are recorded. The farm operator is interviewed to obtain information about acreage, seeding rates, fertilizer applied, and other information about the fields where objective counts are to be conducted. A State yield is generated from the different models used to forecast total bolls expected, average boll weight and harvesting loss.

The number of samples varies from year to year as a result of changes in program size, operator refusals, or sometimes losses because of abandonment. Samples are also visited after the crop is harvested to obtain measurement of harvesting loss and other information affecting production.

The sample data published below were edited to eliminate nonrepresentative reports but still contain some sampling fluctuation. They are not official Crop Reporting Board estimates, but provide indications and trends in cropping practices.

### FERTILIZER USED ON UPLAND COTTON ACREAGE HARVESTED: Arizona, 1980-84

| Year | Fields in survey | Acres receiving | | | | Rate per acre receiving 1/ | | | Acres fertilized 2/ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Any fertilizer | N | $P_2O_5$ | $K_2O$ | N | $P_2O_5$ | $K_2O$ | At or before seeding only | After seeding only | At or before & after seeding |
| | Number | Percent | | | | Pounds | | | Percent | | |
| 1980 | 122 | 90 | 90 | 34 | 2 | 161 | 72 | 9 | 5 | 58 | 37 |
| 1981 | 105 | 92 | 92 | 36 | 2 | 159 | 68 | 7 | 7 | 54 | 39 |
| 1982 | 99 | 95 | 94 | 35 | 3 | 126 | 59 | 34 | 3 | 60 | 37 |
| 1983 | 82 | 90 | 90 | 45 | 11 | 113 | 43 | 14 | 4 | 50 | 46 |
| 1984 | 91 | 99 | 98 | 48 | 4 | 150 | 59 | 29 | 12 | 55 | 33 |

---

1/ To convert phosphoric oxide ($P_2O_5$) to elemental phosphorus (P), the quantity of $P_2O_5$ should be multiplied by 0.43642. To convert potassium oxide ($K_2O$) to elemental potassium (K) multiply by 0.83016.

2/ Percentages apply to acres receiving fertilizer, not to total acres harvested.

### UPLAND COTTON SAMPLES: Percentage distribution by row spacing, average row width, seeding rate, and plant population, Arizona, 1980-84

| Year | Cotton samples | Row spacing (inches) 1/ | | | | Average row width | Seeding rate per acre 2/ | Plants |
|---|---|---|---|---|---|---|---|---|
| | | 36.5 & less | 36.6 - 38.5 | 38.6 - 40.5 | 40.6 & greater | | | |
| | Number | Percent | | | | Inches | Pounds | Number |
| 1980 | 120 | 3 | 37 | 49 | 11 | 39.0 | 18.5 | 35,458 |
| 1981 | 102 | 4 | 35 | 46 | 15 | 39.0 | 18.5 | 34,993 |
| 1982 | 98 | 5 | 33 | 46 | 16 | 39.1 | 19.2 | 35,836 |
| 1983 | 94 | - | 45 | 43 | 12 | 39.2 | 18.9 | 33,877 |
| 1984 | 105 | 5 | 42 | 47 | 6 | 38.2 | 19.9 | 35,232 |

---

1/ Measurement across 8 row spaces in each sample fields.

2/ Acid delinted basis.

### UPLAND COTTON SAMPLE COUNTS: Bolls produced, weight, lint loss, and yield per acre, Arizona, 1980-84

| Year | Final count of large bolls produced per ten feet of row 1/ | Adjusted average weight per boll | | Unopened bolls not harvested per ten feet of row 1/ | | Lint loss per acre after all harvest complete | Final adopted yield per acre |
|---|---|---|---|---|---|---|---|
| | | Seed cotton 2/ | Lint | Bolls | Lint equivalent per acre | | |
| | Number | Grams | Grams | Number | Pounds | Pounds | Pounds |
| 1980 | 301 | 3.92 | 1.44 | 5 | 5.8 | 100 | 1,184 |
| 1981 | 314 | 4.03 | 1.48 | 4 | 4.3 | 90 | 1,247 |
| 1982 | 272 | 4.18 | 1.54 | 4 | 4.5 | 128 | 1,130 |
| 1983 | 285 | 4.04 | 1.49 | 5 | 5.9 | 91 | 1,225 |
| 1984 | 296 | 4.03 | 1.48 | 3 | 3.1 | 69 | 1,227 |

---

1/ A "large" boll is one inch or greater in diameter, opened or unopened. Counts are actually made on 46 feet of row in each sample field.

2/ Seed cotton adjusted to 5 percent moisture: 453.6 grams equal one pound.

## FERTILIZER AND MINERAL CONSUMPTION: Arizona, 1980-84

| Fertilizer and minerals | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| | | | Tons | | |
| COMMERCIAL FERTILIZER | | | | | |
| Liquid commercial fertilizer | 216,229 | 231,252 | 194,959 | 158,632 | 186,250 |
| Mixed commercial fertilizer, dry | 79,169 | 71,470 | 54,025 | 63,767 | 54,983 |
| Urea | 32,673 | 32,162 | 25,889 | 22,530 | 22,738 |
| Ammonium nitrate | 3,785 | 4,101 | 3,995 | 4,933 | 6,509 |
| Ammonium sulfate | 7,445 | 8,115 | 6,679 | 6,557 | 8,121 |
| Superphosphate, treble | 3,512 | 2,608 | 3,024 | 1,728 | 998 |
| Potassium sulfate and/or chloride | 242 | 545 | 270 | 346 | 494 |
| Calcium nitrate | 760 | 737 | 1,900 | 1,860 | 2,006 |
| Miscellaneous, dry | 1,862 | 1,406 | 1,477 | 834 | 16,686 |
| TOTAL | 345,677 | 352,396 | 292,218 | 261,187 | 298,785 |
| AVAILABLE NITROGEN, PHOSPHOROUS AND POTASSIUM 1/ | | | | | |
| N | 118,366 | 119,783 | 95,380 | 78,148 | 85,591 |
| $P_2O_5$ | 28,300 | 28,390 | 24,455 | 25,171 | 27,264 |
| $K_2O$ | 924 | 1,449 | 960 | 1,485 | 952 |
| TOTAL | 147,590 | 149,622 | 120,795 | 104,804 | 113,807 |
| AGRICULTURAL MINERALS | | | | | |
| Gypsum | 32,881 | 49,205 | 33,973 | 45,762 | 40,213 |
| Iron products | 1,385 | 2,856 | 2,520 | 1,956 | 2,312 |
| Sulfur products | 1,310 | 1,455 | 1,653 | 1,084 | 1,303 |
| Lime sulfur | 1,665 | 1,252 | 854 | 606 | 758 |
| Sulfuric acid | 1,229 | 565 | 745 | 1,857 | 2,813 |
| Micronutrients | 1,130 | 950 | 630 | 917 | 1,393 |
| TOTAL | 39,600 | 56,283 | 40,375 | 52,182 | 48,792 |

1/ Amounts of nitrogen, phosphorous, and potassium available in the above commercial fertilizer totals.
Source: Arizona State Chemist.

PESTICIDE SALES: By type, Arizona, 1979-83

| Pesticide type | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| | | | 1,000 lbs. technical material | | |
| INSECTICIDES | | | | | |
| Acephate | 195 | 158 | 58 | 216 | 46 |
| Aldicarb | 122 | 127 | 82 | 139 | 58 |
| Chlordane | 129 | 158 | 66 | 49 | 213 |
| Chlordimeform | 291 | 273 | 512 | 169 | 91 |
| Dimethoate | 196 | 132 | 104 | 183 | 140 |
| Disulfoton | 66 | 114 | 35 | 204 | 54 |
| Endosulfan | 98 | 93 | 81 | 93 | 90 |
| Ethyl Parathion | 34 | 79 | 129 | 131 | 18 |
| Feeding Stimulants | 0 | 281 | 175 | 234 | 10 |
| Malathion | 79 | 106 | 86 | 68 | 255 |
| Methomyl | 236 | 145 | 117 | 114 | 79 |
| Methyl Parathion | 299 | 403 | 547 | 415 | 216 |
| Monocrotophos | 159 | 254 | 219 | 83 | 43 |
| Permethrin | 188 | 288 | 231 | 145 | 61 |
| Sulfur | 1,011 | 2,463 | 11,606 | 1,758 | 620 |
| Other | 1,047 | 1,249 | 1,052 | 875 | 524 |
| TOTAL | 4,150 | 6,323 | 15,100 | 4,876 | 2,518 |
| HERBICIDES | | | | | |
| DCPA | 150 | 90 | 72 | 53 | 52 |
| Dinoseb | 335 | 272 | 110 | 80 | 85 |
| EPTC | 249 | 170 | 132 | 128 | 69 |
| Glyphosate | 143 | 186 | 165 | 117 | 116 |
| MSMA | 89 | 67 | 55 | 120 | 26 |
| Pendimethalin | 155 | 163 | 131 | 94 | 27 |
| Prometryn | 160 | 164 | 187 | 165 | 71 |
| Simazine | 21 | 18 | 17 | 6 | 101 |
| Trifluralin | 223 | 181 | 140 | 175 | 91 |
| Other | 474 | 484 | 398 | 319 | 187 |
| TOTAL | 1,999 | 1,795 | 1,407 | 1,257 | 825 |
| FUNGICIDES - BACTERICIDES | | | | | |
| Copper Oxycloride Sulfate | 33 | 17 | 14 | 26 | 21 |
| Copper Sulfate | 36 | 20 | 66 | 1 | 52 |
| Maneb | 154 | 120 | 49 | 60 | 88 |
| PCNB | 19 | 14 | 13 | 174 | 49 |
| Zinc Sulfate | 0 | 19 | 13 | 67 | 25 |
| Other | 118 | 80 | 53 | 238 | 39 |
| TOTAL | 360 | 270 | 208 | 566 | 274 |
| DEFOLIANTS,DESSICANTS AND GROWTH REGULATORS | | | | | |
| Arsenic Acid | 119 | 124 | 24 | 22 | 5 |
| Cacodylic Acid | 81 | 52 | 2 | 8 | 9 |
| DEF | 166 | 171 | 99 | 91 | 124 |
| Merphos | 89 | 124 | 103 | 40 | 1 |
| Paraquat | 42 | 49 | 15 | 36 | 15 |
| Sodium Chlorate | 1,239 | 1,810 | 979 | 1,370 | 616 |
| Other | 55 | 11 | 17 | 78 | 18 |
| TOTAL | 1,791 | 2,341 | 1,239 | 1,645 | 788 |
| FUMIGANTS | | | | | |
| D-D | 380 | 596 | 300 | 721 | 201 |
| Dichloropropene | 154 | 292 | 284 | 299 | 128 |
| Ethylene Dibromide | 1 | 2 | 37 | 146 | 114 |
| Methyl Bromide | 22 | 16 | 12 | 2 | 4 |
| Other | 0 | 8 | 3 | 3 | 1 |
| TOTAL | 557 | 914 | 636 | 1,171 | 448 |

Source: Council for Environmental Studies, College of Agriculture, The University of Arizona.

LAND OWNERSHIP AND ADMINISTRATION: Acres and percent of total, Arizona, by counties, 1984 1/

| County | Forest Service | Bureau of Land Management | State of Arizona | Indian reservations | Individual or corporate 2/ | Other public lands 3/ | Total area 4/ | Area of Land | Area of Water 5/ |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1,000 acres | | | | |
| Apache | 486 | 142 | 698 | 4,677 | 1,024 | 154 | 7,181 | 7,175 | 6 |
| Cochise | 490 | 270 | 1,383 | 0 | 1,725 | 112 | 3,980 | 3,980 | 0 |
| Coconino | 3,260 | 593 | 1,133 | 5,355 | 744 | 862 | 11,947 | 11,909 | 38 |
| Gila | 1,705 | 58 | 30 | 1,144 | 130 | 6/ | 3,067 | 3,041 | 26 |
| Graham | 396 | 763 | 542 | 1,092 | 184 | 0 | 2,977 | 2,963 | 14 |
| Greenlee | 748 | 167 | 143 | 0 | 118 | 0 | 1,176 | 1,176 | 0 |
| La Paz | 0 | 1,747 | 108 | 226 | 255 | 553 | 2,889 | 2,870 | 19 |
| Maricopa | 658 | 1,689 | 635 | 268 | 1,763 | 891 | 5,904 | 5,841 | 63 |
| Mohave | 5 | 4,293 | 597 | 543 | 1,767 | 1,417 | 8,622 | 8,503 | 119 |
| Navajo | 488 | 127 | 374 | 3,464 | 1,921 | 6/ | 6,374 | 6,371 | 3 |
| Pima | 433 | 239 | 1,043 | 2,490 | 778 | 897 | 5,880 | 5,880 | 0 |
| Pinal | 220 | 535 | 1,246 | 770 | 668 | 0 | 3,439 | 3,420 | 19 |
| Santa Cruz | 419 | 0 | 64 | 0 | 309 | 0 | 792 | 792 | 0 |
| Yavapai | 1,962 | 544 | 1,407 | 4 | 1,284 | 6/ | 5,201 | 5,198 | 3 |
| Yuma | 0 | 461 | 268 | 4 | 411 | 2,387 | 3,531 | 3,526 | 5 |
| Total | 11,270 | 11,628 | 9,671 | 20,037 | 13,081 | 7,273 | 72,960 | 72,645 | 315 |

| County | Forest Service | Bureau of Land Management | State of Arizona | Indian reservations | Individual or corporate 2/ | Other public lands 3/ |
|---|---|---|---|---|---|---|
| | | | Percent of total area | | | |
| Apache | 7 | 2 | 10 | 65 | 14 | 2 |
| Cochise | 12 | 7 | 35 | -- | 43 | 3 |
| Coconino | 27 | 5 | 10 | 45 | 6 | 7 |
| Gila | 56 | 2 | 1 | 37 | 4 | 6/ |
| Graham | 13 | 26 | 18 | 37 | 6 | -- |
| Greenlee | 64 | 14 | 12 | -- | 10 | -- |
| La Paz | -- | 60 | 4 | 8 | 9 | 19 |
| Maricopa | 11 | 29 | 11 | 4 | 30 | 15 |
| Mohave | 6/ | 50 | 7 | 6 | 20 | 17 |
| Navajo | 8 | 2 | 6 | 54 | 30 | 6/ |
| Pima | 8 | 4 | 18 | 42 | 13 | 15 |
| Pinal | 6 | 16 | 36 | 22 | 20 | -- |
| Santa Cruz | 53 | -- | 8 | -- | 39 | -- |
| Yavapai | 38 | 10 | 27 | 6/ | 25 | 6/ |
| Yuma | -- | 13 | 7 | 6/ | 12 | 68 |
| Total | 15 | 16 | 13 | 28 | 18 | 10 |

---

1/ Reference dates: Forest Service, October 1, 1983; Bureau of Land Management, January 1, 1984; State, July 1, 1983 and Bureau of Indian Affairs, October 1, 1983.

2/ Derived as residual.

3/ Includes land administered by National Park Service, Department of Defense, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation and other state, county and city public land.

4/ U.S. Department of Commerce, Bureau of Census, 1980.

5/ The term "water" includes permanent inland water surface such as lakes, ponds and reservoirs having 40 acres or more of area and streams and canals one-eighth mile or more in width.

6/ Less than 0.5 percent.

## GRAZING FEES: 1981-85

Grazing fees on federal and state public grazing lands are determined by a formula established in the Rangeland Improvement Act of 1978. The formula considers rates for leasing private grazing land, the difference between total costs of grazing on public and private lands, beef cattle prices, and cost of producing livestock.

The formula is being used on a seven-year trial basis on federal lands. The State adopted the formula effective in 1982.

Grazing fee formula components are compiled by the USDA Crop Reporting Board and furnished to USDA Forest Service, USDI Bureau of Land Management, and the Arizona State Land Department for calculating the fee each year. Individual agencies should be contacted regarding the administration of public lands.

### PUBLIC LAND GRAZING FEE FORMULATION

| Grazing fee components | Unit | Base year 1964-68 | Grazing fee year | | | | |
|---|---|---|---|---|---|---|---|
| | | | 1981 | 1982 | 1983 | 1984 | 1985 |
| Grazing Rates on Private Land Per AUM 1/ | Dollars | 3.65 | 7.88 | 8.83 | 8.36 | 8.85 | 8.86 |
| Forage Value Index (FVI) 2/ | | 100 | 216 | 242 | 229 | 242 | 243 |
| Average Price Received for Beef Cattle per Cwt. 3/ | Dollars | 22.04 | 64.20 | 59.10 | 57.70 | 56.40 | 57.80 |
| Beef Cattle Price Index (BCPI) 4/ | | 100 | 291 | 268 | 262 | 256 | 262 |
| Prices Paid Index (PPI) 5/ | | 100 | 319 | 359 | 378 | 387 | 395 |
| Federal Grazing Fee 6/ | Dollars | (1.23) | 2.31 | 1.86 | 1.40 | 1.37 | 1.35 |
| State Grazing Fee 6/ | Dollars | ( .95) | 7/ | 1.43 | 1.07 | 1.05 | 1.05 |

---

1/ Privately-owned, non-irrigated land in eleven western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming. An animal unit month (AUM) is the grazing of one cow, one horse or five sheep for one month.

2/ Private grazing rates current year divided by base year times 100.

3/ Average for twelve months November-October prior to the fee year for eleven western states;see footnote 1.

4/ Beef cattle price current year divided by base year times 100.

5/ Index of prices paid for beef cattle production inputs as percent of base year.

6/ Current grazing fee = base year fee (FVI + BCPI - PPI) - 100. The federal fee is limited to a 25 percent change annually. The 28 cent difference in the federal and state base fee is a credit for range improvements made on State lands and for taxes paid on those improvements by the lessees.

7/ State grazing fees were calculated on a different basis prior to 1982.

## STATE STATISTICAL OFFICES

To request order forms for other state statistical reports write: State Statistical Office, Statistical Reporting Service.

ALABAMA
Box 1071
Montgomery 36192
205-832-7263

ALASKA
Box 799
Palmer 99645
907-745-4272

ARIZONA
201 E. Indianola
Suite 250
Phoenix 85012
602-241-2573

ARKANSAS
Box 1417
Little Rock 72203
501-378-5145

CALIFORNIA
Box 1258
Sacramento 95806
916-445-6076

COLORADO
Box 17066
Denver 80217
303-964-0250

FLORIDA
1222 Woodward St.
Orlando 32803
305-420-6013

GEORGIA
Stephens Federal Bldg.
Suite 320
Athens 30613
404-546-2236

HAWAII
Box 22159
Honolulu 96822
808-546-5527

IDAHO
Box 1699
Boise 83701
208-334-1507

ILLINOIS
Box 429
Springfield 62705
217-492-4295

INDIANA
Purdue University
West Lafayette 47907
317-494-8371

IOWA
210 Walnut Street
Des Moines 50309
515-284-4340

KANSAS
444 S.E. Quincy St.
Room 290
Topeka 66683
913-295-2600

KENTUCKY
Box 1120
Louisville 40201
502-582-5293

LOUISIANA
Box 5524
Alexandria 71301
318-473-7971

MARYLAND-DELAWARE
50 Harry S. Truman Pkwy.
Annapolis, Md. 21401
301-841-5740

MICHIGAN
Box 20008
Lansing 48901
517-377-1831

MINNESOTA
Box 7068
St. Paul 55107
612-296-2230

MISSISSIPPI
Box 980
Jackson 39205
601-960-4575

MISSOURI
Box L
Columbia 65205
314-875-5233

MONTANA
Box 4369
Helena 59604
406-449-5303

NEBRASKA
Box 81069
Lincoln 68501
402-471-5541

NEVADA
Box 8880
Reno 89507
702-784-5584

NEW ENGLAND-Maine, New
Hampshire, Vermont
Connecticut, Rhode
Island, Massachusetts
Box 1444
Concord, N.H. 03301
603-224-9639

NEW JERSEY
CN-330 New Warren St.
Trenton 08625
609-292-6385

NEW MEXICO
Box 1809
Las Cruces 88004
505-523-8168

NEW YORK
State Campus, Bldg. 8
Room 800
Albany 12235
518-457-5570

NORTH CAROLINA
Box 27767
Raleigh 27611
919-755-4394

NORTH DAKOTA
Box 3166
Fargo 58102
701-237-5771 Ext. 5306

OHIO
200 N. High St.
Columbus 43215
614-469-5590

OKLAHOMA
Box 1095
Oklahoma City 73101
405-525-9226

OREGON
1220 S.W. 3rd. Avenue
Portland 97204
503-221-2131

PENNSYLVANIA
2301 N. Cameron St.
Harrisburg 17110
717-787-3904

SOUTH CAROLINA
Box 1911
Columbia 29202
803-765-5333

SOUTH DAKOTA
Box V
Sioux Falls 57117
605-336-2980 Ext. 235

TENNESSEE
Box 41505
Nashville 37204
615-251-5136

TEXAS
Box 70
Austin 78767
512-482-5581

UTAH
Box 25007
Salt Lake City 84125
801-524-5003

VIRGINIA
Box 1659
Richmond 23213
804-786-3500

WASHINGTON
Box 609
Olympia 98507
206-754-8919

WEST VIRGINIA
4720 Brenda Lane
Charleston 25312
304-930-5226

WISCONSIN
Box 9160
Madison 53715
608-264-5317

WYOMING
Box 1148
Cheyenne 82003
307-772-2181

# REPORT ORDER FORM

| REPORT | ANNUAL SUBSCRIPTION FEE | CHECK HERE ✓ | |
|---|---|---|---|
| ARIZONA CROPS RELEASE<br>Issued monthly, summarizes field crops acreage, production, stocks, citrus production, vegetable acreage and production and prices paid and received for crops and livestock. | $ 10.00<br>FOREIGN<br>$ 12.50 | ☐ | 020 |
| ARIZONA LIVESTOCK RELEASE<br>Issued monthly, summarizes the major livestock inventories, cattle on feed and prices paid and received for crops and livestock. | $ 10.00<br>FOREIGN<br>$ 12.50 | ☐ | 030 |
| ARIZONA AGRI-WEEKLY RELEASE<br>Provides temperatures and precipitation data, state weather summary, range and livestock conditions and monitors crop progress through the growing season. | $ 15.00<br>FOREIGN<br>$ 18.75 | ☐ | 010 |
| ARIZONA AGRICULTURAL STATISTICS<br>Annual summary bulletin of historical five year series for all major crops, livestock by counties & other related data. | FREE | ☐ | 090 |

ALL REPORTS ARE FREE TO THOSE WHO PROVIDE DATA USED FOR SUMMARIZATION

TO SUBSCRIBE, CHECK THE REPORTS ABOVE AND ENCLOSE THIS FORM WITH CHECK OR MONEY ORDER PAYABLE TO USDA - SRS

MAIL TO: Crop Reporting Board Publications
Room 5829 - South Building
U.S. Department of Agriculture
Washington, D.C. 20250

If you are an agricultural producer or are requesting only the "Arizona Agricultural Statistics" bulletin return this form to:

Agricultural Statistician
201 E. Indianola, Suite 250
Phoenix, Arizona 85012

NAME AND ADDRESS:

Company or Individual name: ____________________

Additional name or attention line: ____________________

Street, Box, Etc.: ____________________

City: ____________________

State: __________ Zip __________

Date: ____________________

FOLD HERE

PLACE
STAMP
HERE

AGRICULTURAL STATISTICIAN
201 E. INDIANOLA, SUITE 250
PHOENIX, ARIZONA 85012

FOLD HERE

Crop
Reporting
Board
Statistical
Reporting
Service

# ORDER FORM
# CROP REPORTING BOARD REPORTS

March 1985

| Report Title | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|
| **FIELD CROP SERIES** | | |
| ☐ Crop Production | | |
| (monthly/annual) | $30.00 | $37.50 |
| Plus single copy of | | |
| Prospective Plantings | 18.00 | 22.50 |
| ☐ Peanut Stocks & Processing | | |
| (Monthly) | | |
| ☐ Grain Stocks | 12.00 | 15.00 |
| Four issues plus copy of: | | |
| Soybean Stocks | | |
| ☐ Potatoes & Sweetpotatoes | 9.50 | 11.90 |
| One issue plus 6 copies of: | | |
| Potato Stocks | | |
| ☐ Rice Stocks (4 issues) | 6.00 | 7.50 |
| **FRUIT & VEGETABLE SERIES** | | |
| ☐ Celery (monthly) | 17.00 | 21.25 |
| ☐ Noncitrus Fruits & Nuts | | |
| (midyear/annual) | 8.50 | 10.65 |
| ☐ Vegetables | 18.00 | 22.50 |
| Twelve seasonal issues | | |
| plus an Annual | | |
| **LIVESTOCK SERIES** | | |
| ☐ Cattle | 22.00 | 27.50 |
| Two issues plus monthly | | |
| issues of: | | |
| Cattle on Feed | | |
| ☐ Hogs & Pigs (4 issues) | 10.00 | 12.50 |
| ☐ Livestock Slaughter | | |
| (monthly/annual) | 20.00 | 25.00 |
| **POULTRY SERIES** | | |
| ☐ Egg Products (monthly) | 18.00 | 22.50 |

| Report Title | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|
| ☐ Eggs, Chickens & Turkeys | | |
| Monthly issues plus | $25.00 | $31.25 |
| single copies of: | | |
| Hatchery Production Annual | | |
| Layers & Egg Prod. Annual | | |
| Poultry-Prod., Disposition, | | |
| & Income | | |
| Turkeys | | |
| ☐ Poultry Slaughter (monthly) | 18.00 | 22.50 |
| **DAIRY SERIES** | | |
| ☐ Dairy Products | | |
| (monthly/annual) | 20.00 | 25.00 |
| ☐ Milk Production | 19.00 | 23.75 |
| Monthly issues plus single | | |
| copy of: | | |
| Milk-Prod., Disposition, | | |
| & Income | | |
| **OTHER REPORTS** | | |
| ☐ Agricultural Prices (monthly) | 27.00 | 33.75 |
| ☐ Catfish (monthly) | 17.00 | 21.25 |
| ☐ Cold Storage (monthly/annual) | 22.00 | 27.50 |
| **SPECIAL SINGLE COPY REPORTS** | | |
| ☐ Scope & Methods of the | | |
| Statistical Reporting Service | | |
| SN: 001-000-04369-2 | 5.00 | 6.25 |
| ☐ Agricultural Statistics, 1984 | * | * |
| ☐ Usual Planting and Harvesting | | |
| Dates for U.S. Field Crops | 3.00 | 3.75 |
| SN: 001-000-04416-8 | | |

**Note:** For your convenience in ordering, we have grouped several publications together in packages. For example, when you subscribe to the Crop Production series you will receive 12 monthly copies and an annual summary of that report plus single copies of Prospective Plantings. If you have any questions about ordering, please call (202) 447-4021.

Price not yet determined — Call (202) 447-4021

---

**Mail order form to:** **Superintendent of Documents**
**Government Printing Office**
**Washington, DC 20402**

NAME ________________________________

ADDRESS ______________________________

CITY, STATE, ZIP ________________________

Credit card order only: ☐ VISA ☐ Mastercard

Total charges $ ______________________________
Credit card no. ______________________________
Expiration date: month/year ______________________

Write check payable to Superintendent of Documents.
Add 25% for foreign address.

Enclosed is $ __________

☐ Check
☐ Money order
☐ Charge to my Deposit Account No. ________________

For Office Use Only

| Quantity | Charges | Quantity | Charges |
|---|---|---|---|
| ___ Enclosed ______ | | MMOB ___________ | |
| ___ To be mailed ___ | | OPNR ___________ | |
| ___Subscriptions ___ | | ____________UPNS | |
| Postage ___________ | | ________DISCOUNT | |
| Foreign handling ____ | | _________REFUND | |

Crop
Reporting
Board

December 1984

# ORDER FORM
# USDA CROP REPORTING BOARD PUBLICATIONS

(Publications available only from Crop Reporting Board)

| | Issued | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|---|
| **FIELD CROP SERIES** | | | |
| ☐ Hop Stocks | Mar. & Sept. | $2.50 | $3.50 |
| **FRUIT & VEGETABLE SERIES** | | | |
| ☐ Cherry Production | June | 1.25 | 1.75 |
| ☐ Cherry Utilization | October | 1.25 | 1.75 |
| ☐ Citrus Fruits | September | 1.50 | 2.00 |
| ☐ Cranberries | August | 1.25 | 1.75 |
| **LIVESTOCK SERIES** | | | |
| ☐ Meat Animals Production, Disposition, & Income | April | 1.50 | 2.00 |
| ☐ Sheep & Goats | January | 1.25 | 1.75 |
| ☐ Wool & Mohair | March | 1.25 | 1.75 |
| **1978-83 STATISTICAL BULLETINS** | | | |
| ☐ Field Crops, 1978-83 | June 1984 | 5.00 | 6.25 |
| ☐ Stocks of Grains, Oilseeds and Hay, 1978-83 | June 1984 | 6.00 | 7.50 |
| ☐ Potatoes & Sweetpotatoes | June 1984 | 2.00 | 2.50 |
| ☐ Citrus Fruit, 1977/78-81/82 | Sept. 1984 | 1.50 | 2.00 |
| ☐ Hogs & Pigs, 1979-82 | Dec. 1984 | 2.00 | 2.50 |
| ☐ Noncitrus Fruits & Nuts, 1978-82 | Jan. 1985 | 4.00 | 5.00 |
| ☐ Sheep & Goats, 1980-83 | Jan. 1985 | 1.25 | 1.75 |
| ☐ Cattle, 1980-83 | Jan. 1985 | 2.75 | 3.75 |
| ☐ Chickens & Eggs, 1980-83 | Jan. 1985 | 3.75 | 5.00 |
| ☐ Milk Production, 1979-82 | Feb. 1985 | 2.75 | 3.75 |
| ☐ Vegetables, 1978-82 | June 1985 | 6.75 | 8.50 |
| ☐ Meat Animals: Prod., Disp., & Income 1979-82 | April 1985 | 2.00 | 2.50 |
| ☐ Poultry: Prod., Disp., & Income 1980-83 | April 1985 | 1.75 | 2.25 |

| | Issued | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|---|
| **POULTRY SERIES** | | | |
| ☐ Turkey Hatchery | Monthly | $18.00 | $24.00 |
| **PRICES & EXPENDITURES SERIES** | | | |
| ☐ Agricultural Prices Annual | June | 5.00 | 6.25 |
| ☐ Crop Values | January | 2.00 | 2.50 |
| ☐ Farm Production Expenditures | June & July | 5.00 | 6.25 |
| ☐ Minnesota-Wisconsin Milk Prices | June | 1.25 | 1.75 |
| **OTHER CROPS** | | | |
| ☐ Commercial Fertilizer | November | 2.00 | 2.50 |
| ☐ Farm Labor | Quarterly | 6.00 | 7.50 |
| ☐ Mink | July | 1.25 | 1.75 |
| ☐ Mushrooms | August | 1.25 | 1.75 |
| ☐ Sugar Market Statistics | Quarterly | 5.00 | 6.25 |
| ☐ Floriculture Crops | March | 1.75 | 2.25 |

---

## HOW TO ORDER

- *Check appropriate box.
- *Calculate the total charges for subscription and enter below.
- *If your address is outside the United States, use "foreign" price.
- *Make check or money order payable to USDA/SRS.
- *Do not send cash.
- *Allow 2 weeks for processing.
- *For additional information about reports and ordering, call (202) 447-4021.
- *Mail this entire order form: CROP REPORTING BOARD PUBLICATIONS

ROOM 5829, SOUTH BUILDING
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

---

Please send me the item(s) I have indicated above.

Company or Personal Name ______________________

Additional Address/Attention Line ______________________

Street Address ______________________

City ______________ State ______________ Zip Code ______________

Amount Enclosed ______________

## Economic Research Service
## U.S. Department of Agriculture

| **Outlook & Situation Reports** | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|
| ☐ Agricultural Exports (4 issues) | $7.00 | $8.75 |
| ☐ Cotton & Wool (4) | 8.00 | 10.00 |
| ☐ Dairy (4) | 8.00 | 10.00 |
| ☐ Feed (4) | 8.50 | 10.65 |
| ☐ Fruit (4) | 8.00 | 10.00 |
| ☐ Inputs (4) | 8.50 | 10.65 |
| ☐ Livestock & Poultry (6) | 15.00 | 18.75 |
| ☐ Oil Crops (4) | 8.00 | 10.00 |
| ☐ Rice (2) | 5.00 | 6.25 |
| ☐ Sugar & Sweetener (4) | 8.00 | 10.00 |
| ☐ Tobacco (4) | 8.00 | 10.00 |
| ☐ Vegetable (4) | 8.00 | 10.00 |
| ☐ Wheat (4) | 8.00 | 10.00 |
| ☐ World Agriculture (4) | 9.00 | 11.25 |
| ☐ World Agriculture Regionals (11) | 18.00 | 22.50 |

North America/Oceania, Latin America, Eastern Europe, Western Europe, USSR, Middle East and North Africa, Subsaharan Africa, East Asia, China, South Asia, Southeast Asia

| **Other Publications** | Subscription Fee Domestic | Subscription Fee Foreign |
|---|---|---|
| ☐ Agricultural Economics Research (4) | $11.00 | $13.75 |
| ☐ Agricultural Outlook (11) | 29.00 | 36.25 |
| ☐ Economic Indicators of the Farm Sector (5) | 15.00 | 18.75 |
| ☐ Farmline (11) | 18.00 | 22.50 |
| ☐ Foreign Agricultural Trade of the U.S. (8- 6 issues plus 2 supplements) | 21.00 | 26.25 |
| ☐ National Food Review (4) | 8.50 | 10.65 |
| ☐ Rural Development Perspectives (3) | 10.00 | 12.50 |

For single copy prices, call **(202) 783-3238**

**Note: Reports, issued periodically, provides descriptive information of current ERS research reports and other publications and their purchase prices. To be placed on the free mailing list for Reports, and for additional details about ordering publications, please contact: Information Division, Room 1470-S, USDA, Washington, D.C. 20250, (202) 447-7305 and 447-8590.**

---

### HOW TO ORDER

- ***Check appropriate box.**
- ***Calculate the total charges for subscriptions and enter below.**
- ***If your address is outside the United States, use "foreign" price.**
- ***Make check or money order payable to the Superintendent of Documents.**
- ***Allow 6 weeks for processing.**
- ***For faster service or foreign air mail information, call (202) 783-3238.**
- ***Mail this entire form to: Superintendent of Documents**
  **Government Printing Office**
  **Washington, D.C. 20402**

---

Enclosed is $ ________ ☐ check, ☐ money order, or charge to my Deposit Account No.

☐☐☐☐☐☐☐–☐

Order No. ____________

**MasterCard and VISA accepted.**

**Credit Card Orders Only**

Total charges $________

Fill in the boxes below

Credit Card No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Expiration Date Month/Year ☐☐☐☐

Customer's Telephone No.'s

Area Code | Home | Area Code | Office

Charge orders may be telephoned to the GPO order desk at (202)783-3238 from 8:00 a.m. to 4:00 p.m. eastern time, Monday-Friday (except holidays).

Company or Personal Name

Additional address/attention line

Street address

City | State | ZIP Code

(or Country)

**PLEASE PRINT OR TYPE**

**For Office Use Only**

| Quantity | | Charges |
|---|---|---|
| ______ | Publications | ______ |
| ______ | Subscriptions | ______ |
| | Special Shipping Charges | ______ |
| | International Handling | ______ |
| | Special Charges | ______ |
| | OPNR | ______ |
| ______ | UPNS | |
| ______ | Balance Due | |
| ______ | Discount | |
| ______ | Refund | |

# FAS Circulars: Market Information For Agricultural Exporters

As an agricultural exporter, you need timely, reliable information on changing consumer preferences, needs of foreign buyers, and the supply and demand situation in countries around the world.

The Foreign Agricultural Service can provide that information in its commodity circulars.

World agricultural information and updates on special FAS export services for the food and agricultural trade all are available in these periodic circulars.

For a sample copy of these reports—which can supply you with the information you need to make sound business decisions—check the box indicated, fill out the address form and mail it today.

To subscribe: Indicate which publications you want. Send a check for the total amount payable to the Foreign Agricultural Service. Only checks on U.S. banks, cashier's checks, or international money orders will be accepted. NO REFUNDS CAN BE MADE.

Mail this form to: Foreign Agricultural Service
Information Division
Room 4644-S
U.S. Department of Agriculture
Washington, D.C. 20250

| **No. of Subscriptions** | | | **Subscription Rate** | |
|---|---|---|---|---|
| | | | **Domestic** | **Foreign** |
| ____ | 10022 | Cocoa (2 issues) | $ 3.00 | $4.00 |
| ____ | 10003 | Coffee (3 issues) | 5.00 | 10.00 |
| ____ | 10004 | Cotton (12 issues) | 20.00 | 30.00 |
| | | **Dairy, Livestock & Poultry:** | | |
| ____ | 10005 | Export Trade & Prospects (8 issues) | 14.00 | 22.00 |
| ____ | 10006 | Meat & Dairy Monthly Imports (12 issues) | 20.00 | 25.00 |
| ____ | 10007 | Dairy Situation (2 issues) | 3.00 | 4.00 |
| ____ | 10008 | Livestock & Poultry Situation (2 issues) | 4.00 | 7.00 |
| ____ | 10009 | All 24 Reports Listed Above | 41.00 | 58.00 |
| | | **Grains:** | | |
| ____ | 10010 | World Grain Situation & Outlook (16 issues) | 28.00 | 41.00 |
| ____ | 10011 | Export Markets for U.S. Grain (12 issues) | 20.00 | 30.00 |
| ____ | 10013 | USSR Grain Situation & Outlook (12 issues) | 15.00 | 20.00 |
| ____ | 10014 | All 40 Reports Listed Above | 63.00 | 91.00 |
| ____ | 10015 | Horticultural Products (12 issues) | 20.00 | 30.00 |
| ____ | 10016 | Oilseeds & Products (13 issues) | 27.00 | 42.00 |
| ____ | 10017 | Seeds (4 issues) | 9.00 | 15.00 |
| ____ | 10018 | Sugar, Molasses & Honey (3 issues) | 5.00 | 8.00 |
| ____ | 10019 | Tea, Spices & Essential Oils (3 issues) | 5.00 | 7.00 |
| ____ | 10020 | Tobacco (12 issues) | 25.00 | 40.00 |
| ____ | 10021 | World Crop Production (12 issues) | 18.00 | 25.00 |
| ____ | 10023 | Wood Products (4 issues) | 7.00 | 10.00 |
| ____ | | **Total Reports Ordered** | **Total Subscription Price** | ____ |

☐ **Please send me a sample copy.**

**Enclosed is my Check for $____ Made Payable to Foreign Agricultural Service.**

Name (Last, first, middle initial)

Organization or Firm

Street or P.O. Box Number

City State Zip Code

Country

**FAS-829 (Rev. 9-84)**

PRINCIPAL CROPS: Acreage harvested by counties, and total State production, Arizona 1983

| Crop | State Total | Apache | Cochise | Coconino | Gila | Graham | Greenlee | La Paz | Maricopa | Mohave | Navajo | Pima | Pinal | Santa Cruz | Yavapai | Yuma |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Upland Cotton: Acres<br>Bales, 480 lb. net wt. | 284,000<br>725,000 | 0 | 16,400 | 0 | 0 | 7,850 | 660 | 20,800 | 114,300 | 3,540 | 0 | 8,250 | 76,400 | 0 | 0 | 35,800 |
| American Pima Cotton: Acres<br>Bales, 480 lb. net wt. | 29,300<br>46,900 | 0 | 860 | 0 | 0 | 7,900 | 0 | 3,830 | 6,850 | 0 | 0 | 1,450 | 8,300 | 0 | 0 | 110 |
| Alfalfa: Acres<br>Production, tons | 145,000<br>1,059,000 | 2,800 | 8,200 | 400 | 100 | 4,700 | 900 | 25,700 | 46,000 | 5,600 | 4,300 | 2,000 | 11,700 | 1,100 | 2,000 | 29,500 |
| Other hay: Acres<br>Production, tons | 25,000<br>98,000 | 2,500 | 800 | 500 | 400 | 800 | 200 | 2,300 | 7,500 | 900 | 1,500 | 500 | 2,000 | 400 | 2,200 | 2,500 |
| Durum wheat: Acres<br>Production, tons | 55,000<br>148,500 | 0 | * | 0 | * | 400 | 200 | 1,900 | 18,200 | 3,000 | 0 | 3,800 | 22,400 | * | 0 | 4,900 |
| Other wheat: Acres<br>Production, tons | 64,000<br>184,320 | 200 | 1,400 | 400 | * | 4,500 | 800 | 7,900 | 20,700 | 0 | 1,000 | 900 | 4,200 | * | 1,100 | 20,700 |
| Barley: Acres<br>Production, tons | 27,000<br>67,390 | * | 1,400 | * | * | 2,900 | * | 400 | 8,700 | 500 | * | 700 | 10,100 | 300 | 0 | 1,000 |
| Corn for Grain: Acres<br>Production, tons | 17,000<br>64,740 | 900 | 6,900 | 200 | * | 3,700 | * | 0 | 1,000 | 0 | 2,800 | * | 400 | * | 500 | 0 |
| Sorghum for Grain: Acres<br>Production, tons | 13,000<br>27,660 | 700 | 1,500 | 0 | * | 2,200 | * | * | 2,700 | * | 600 | 800 | 2,500 | * | * | 1,400 |
| Potatoes: Acres<br>Production, cwt. | 4,900<br>1,274,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,900 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Principal vegetables: Acres<br>Production, cwt. | 62,270<br>15,746,000 | 0 | 3,290 | 0 | 0 | 0 | 0 | 6,450 | 18,350 | 830 | 0 | 730 | 2,310 | 0 | 0 | 30,310 |
| Grapes: Acres<br>Production, tons | 3,774<br>14,600 | 0 | * | 0 | 0 | 0 | 0 | 0 | * | 0 | 0 | 0 | * | 0 | 0 | 1,087 |
| Grapefruit: Acres<br>Production, ctns. | 6,800<br>5,400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,270 | 0 | 0 | * | * | 0 | 0 | 2,530 |
| All oranges: Acres<br>Production, ctns. | 12,640<br>7,600,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,840 | 0 | 0 | 0 | * | 0 | 0 | 4,800 |
| Lemons: Acres<br>Production, ctns. | 19,460<br>10,100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,070 | 0 | 0 | 0 | * | 0 | 0 | 17,390 |
| Tangerines: Acres<br>Production, ctns | 3,500<br>2,200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,020 | 0 | 0 | 0 | * | 0 | 0 | 1,480 |
| Other crops 1/ Acres | 71,821 | | | | | | | | | | | | | | | |
| Total acres harvested 2/ | 849,815 | | | | | | | | | | | | | | | |

---

1/ Includes miscellaneous fruits, nuts, vegetables, and field crops not listed above.
2/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.

PRINCIPAL CROPS: Acreage harvested by counties, and total State production, Arizona 1984

| Crop | State Total | Apache | Cochise | Coconino | Gila | Graham | Greenlee | La Paz | Maricopa | Mohave | Navajo | Pima | Pinal | Santa Cruz | Yavapai | Yuma |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Upland Cotton: Acres | 429,000 | 0 | 16,600 | 0 | 0 | 12,000 | 1,020 | 34,300 | 185,300 | 5,680 | 0 | 15,300 | 120,200 | 0 | 0 | 38,600 |
| Bales, 480 lb. net wt. | 1,097,000 | | | | | | | | | | | | | | | |
| American Pima Cotton: Acres | 50,300 | 0 | 1,190 | 0 | 0 | 9,400 | 0 | 7,650 | 13,800 | 0 | 0 | 1,180 | 16,950 | 0 | 0 | 130 |
| Bales, 480 lb. net wt. | 88,100 | | | | | | | | | | | | | | | |
| Alfalfa: Acres | 150,000 | 3,000 | 8,600 | 500 | 200 | 4,700 | 1,000 | 28,500 | 46,000 | 5,800 | 4,000 | 2,100 | 13,000 | 1,100 | 2,000 | 29,500 |
| Production, tons | 1,080,000 | | | | | | | | | | | | | | | |
| Other hay: Acres | 25,000 | 2,500 | 900 | 500 | * | 700 | * | 2,500 | 7,000 | 800 | 1,400 | * | 1,800 | * | 2,500 | 3,200 |
| Production, tons | 100,000 | | | | | | | | | | | | | | | |
| Durum wheat: Acres | 80,000 | 0 | * | 0 | * | 500 | * | 2,800 | 30,800 | * | 0 | 4,900 | 29,300 | 0 | 0 | 7,400 |
| Production, tons | 216,000 | | | | | | | | | | | | | | | |
| Other wheat: Acres | 62,000 | * | * | * | * | 4,300 | * | 7,600 | 18,500 | * | 900 | 900 | 4,100 | * | 900 | 21,800 |
| Production, tons | 167,400 | | | | | | | | | | | | | | | |
| Barley: Acres | 53,000 | * | 2,100 | * | * | 3,400 | * | 1,400 | 18,300 | 600 | 400 | 1,200 | 20,600 | 500 | 0 | 3,500 |
| Production, tons | 128,470 | | | | | | | | | | | | | | | |
| Corn for Grain: Acres | 26,000 | 4,500 | 8,000 | 700 | * | 4,500 | * | * | 2,300 | 0 | 3,000 | 0 | 500 | * | 900 | 600 |
| Production, tons | 101,920 | | | | | | | | | | | | | | | |
| Sorghum for Grain: Acres | 16,000 | 700 | 1,600 | 0 | * | 2,200 | * | * | 4,500 | * | 500 | 900 | 3,100 | * | * | 1,600 |
| Production, tons | 38,080 | | | | | | | | | | | | | | | |
| Potatoes: Acres | 5,400 | 0 | * | 0 | 0 | 0 | 0 | 0 | 4,960 | 0 | * | 0 | 0 | 0 | 0 | 0 |
| Production, cwt. | 1,647,000 | | | | | | | | | | | | | | | |
| Principal vegetables: Acres | 63,750 | 0 | 2,510 | 0 | 0 | 0 | 0 | 9,730 | 16,850 | 450 | 0 | 590 | 3,150 | 0 | 0 | 30,470 |
| Production, cwt. | 15,063,000 | | | | | | | | | | | | | | | |
| Grapes: Acres | 4,371 | 0 | * | 0 | 0 | 0 | 0 | 0 | * | 0 | 0 | 0 | * | 0 | 0 | 1,153 |
| Production, tons | 14,000 | | | | | | | | | | | | | | | |
| Grapefruit: Acres | 6,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,610 | 0 | 0 | 0 | * | 0 | 0 | 2,190 |
| Production, ctns. | 4,200,000 | | | | | | | | | | | | | | | |
| All oranges: Acres | 12,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,010 | 0 | 0 | 0 | * | 0 | 0 | 4,590 |
| Production, ctns. | 3,600,000 | | | | | | | | | | | | | | | |
| Lemons: Acres | 18,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,110 | 0 | 0 | 0 | * | 0 | 0 | 16,190 |
| Production, ctns. | 8,000,000 | | | | | | | | | | | | | | | |
| Tangerines: Acres | 3,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,970 | 0 | 0 | 0 | * | 0 | 0 | 1,530 |
| Production, ctns. | 1,900,000 | | | | | | | | | | | | | | | |
| Other crops 1/: Acres | 66,206 | | | | | | | | | | | | | | | |
| Total acres harvested 2/ | 1,072,227 | | | | | | | | | | | | | | | |

---

1/ Includes miscellaneous fruits, nuts, vegetables, and field crops not listed above.
2/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.